DOCUMENT RESUME

ED 190 913 CE 026 618

| | |
|---|---|
| TITLE | Vocational Instructional Materials for Technical Education Available from Federal Agencies. |
| INSTITUTION | Office of Vocational and Adult Education (ED), Washington, D.C. |
| PUB DATE | 80 |
| CONTRACT | 300-79-0420 |
| NOTE | 67p.; For related documents see CE 026 614-621. |
| AVAILABLE FROM | Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402 (Stock No. 065-000-00016-4, $4.00). |
| EDRS PRICE | MF01/PC03 Plus Postage. |
| DESCRIPTORS | Adult Education; Agricultural Technicians; Annotated Bibliographies; Auto Mechanics; Aviation Technology; Career Education; Citations (References); Computer Science; Electronic Technicians; Environmental Technicians; *Federal Programs; Food Processing Occupations; *Instructional Materials; Metallurgical Technicians; Postsecondary Education; *Resource Materials; Resources; Secondary Education; Solar Radiation; *Technical Education; *Vocational Education; Welding |
| IDENTIFIERS | Mortuary Science; Police Science; United States |

ABSTRACT

This listing of federally produced curriculum and instructional materials for technical education is one of eight annotated bibliographies that provide information for vocational educators at the secondary, postsecondary, and adult levels. Introductory information given includes a description of how to use the listing and sources and ordering information. The remainder of the guide is comprised of citations of printed and audiovisual materials in subject areas such as aeronautical and aviation technology, architectural and civil engineering technology, electrical and electronic technologies, computer servicing technology, environmental technology, mortuary science, police science technology, food processing technology, metallurgical technology, automotive technology, welding technology, solar heating and cooling technology, and agricultural technology. Also included are sections containing general vocational education materials and career education materials. The basic format for each entry is comprised of three sections: (1) bibliographical information, listing the title, publication number, type of material, personal author, federal sponsor, publisher, publication date, number of pages, and the price; (2) a source code, which gives the federal organization from which the material can be ordered; and (3) an annotation or explanatory notes giving the use and intended users of the material. An order form is appended. (LRA)

**********
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
**********

ED190913

# vocational instructional materials for

## *Technical Education*

# available from federal agencies

Compiled by
Carol L. Hill

Human Resources Management, Inc.
1101 30th Street, N.W., Suite 301
Washington, D.C. 20007
1980

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

CE026618

Developed pursuant to Contract No. 300-79-0420

U.S. Department of Education
Office of Vocational and Adult Education
Office of Employment and Education
Division of Program Improvement
Curriculum Development Branch

The activities which resulted in this volume were supported in whole or in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the Department of Education, and no official endorsement by the Department of Education should be inferred.

The set of *Vocational Instructional Materials Available from Federal Agencies* includes the following volumes which can be purchased from the Government Printing Office:

Vocational Instructional Materials for Agriculture and Agribusiness Education

Vocational Instructional Materials for Business and Office Education

Vocational Instructional Materials for Vocational Home Economics Education

Vocational Instructional Materials for Marketing and Distributive Education

Vocational Instructional Materials for Allied Health Education

Vocational Instructional Materials for Technical Education

Vocational Instructional Materials for Trade and Industrial Education

Vocational Instructional Materials for Special Needs Groups— *Handicapped, Disadvantaged, Older Americans, Youth Employment, Displaced Homemakers*

DISCRIMINATION PROHIBITED—No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance, or be so treated on the basis of sex under most education programs or activities receiving Federal assistance.

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402

# ACKNOWLEDGEMENTS

The project was most fortunate to have the following outstanding Advisory Group of Vocational Educators:

**Dr. James Barge**, Director, Special Programs, Division of Vocational Education, State Department of Education, Florida
**Ms. Yvonne Bender**, Health Occupations Specialist, Division of Adult Education, State Department of Vocational Technical Education, Oklahoma
**Ms. Beverly Campbell**, Consultant, Apprenticeship & Health Careers, Vocational Education Support Services Section, State Department of Education, California
**Ms. Ruth Fossedal**, Director/Counselor, Women's Development Center, Waukesha County Technical Institute, Pewaukee, Wisconsin
**Mr. C.M. Green**, Director. Division of Vocational Education, State Department of Education, Connecticut
**Dr. Elizabeth Iannizzi**, Professor, New York City Community College
**Dr. Max E. Jobe**, Associate Professor, Department of Secondary and Higher Education, East Texas State University
**Mr. Peter S. Labruzzo**, Coordinator, Tampa Skills Center, Florida
**Ms. Angelica Martiniano**, Director of Training Programs, National Puerto Rican Forum, New York City
**Dr. Clifford L. Nelson**, Chairman, Department of Agricultural & Extension Education, University of Maryland
**Ms. Fannie Nelson**, Instructor, Vocational Home Economics, Kansas City Technical Education
**Mr. Jerry Rosener**, President, National Association of Distributive Education Teachers, Reston, Virginia
**Ms. Jill Russell**, Program Associate, National Center for Research in Vocational Education, Ohio State University
**Dr. James F. Shill**, Director, Research and Curriculum Unit, College of Education, Mississippi State University
**Dr. Douglas C. Towne**, President, Designed Learning Associates, Beaverton, Oregon

Appreciation is extended to the personnel in the federal organizations who gave so generously of their time and enthusiasm throughout the project. A special word of thanks goes to project team members Cecilia Jaramillo, Dr. Robert Morris, and Jane Buckley for their valuable contributions to the preparation of these listings.

***Carol L. Hill***
*Project Director*
*June 1980*

# CONTENTS


ACKNOWLEDGEMENTS ..... iii

INTRODUCTION ..... 1

HOW TO USE THIS LISTING ..... 3

SOURCE AND ORDERING INFORMATION ..... 5

TECHNICAL EDUCATION MATERIALS ..... 11

- General References ..... 11
- Aeronautical and Aviation Technology ..... 12
- Architectural and Civil Engineering Technology ..... 13
- Urban Planning Technology ..... 16
- Electrical and Electronic Technologies ..... 18
- Computer Servicing Technology ..... 18
- Energy Conservation and Use Technology ..... 19
- Environmental Technology ..... 24
- Library Technology ..... 27
- Meterological Technology ..... 30
- Mortuary Science Technology ..... 31
- Photographic Technology ..... 31
- Police Science Technology ..... 31
- Industrial Technology ..... 33
- Food Processing Technology ..... 34
- Forest Products Processing Technology ..... 34
- Marine Products Processing Technology ..... 35
- Quality Assurance/Control Technology ..... 35
- Chemical Technology ..... 35
- Metallurgical Technology ..... 35
- Textiles Technology ..... 36
- Marine and Oceanographic Technology ..... 36
- Mechanical Design and Drafting Technology ..... 36
- Automotive Technology ..... 37
- Marine Propulsion Technology ..... 37
- Orthotic and Prosthetic Technology ..... 37
- Welding Technology ..... 37
- Air Conditioning, Heating, Refrigeration Technology ..... 37
- Solar Heating and Cooling Technology ..... 38
- Optical Technology ..... 40
- Mining and Petroleum Technology ..... 40
- Nuclear Technology ..... 41
- Radio and Television Production and Broadcasting Technology ..... 41
- Motion Picture Technology ..... 41
- Safety and Related Technology ..... 41
- Data Processing Technology ..... 48
- Agricultural Technology ..... 48
- Educational Media Technology ..... 49

VOCATIONAL EDUCATION MATERIALS ..... 51

CAREER EDUCATION MATERIALS ..... 55

ORDER FORMS ..... 61

# INTRODUCTION

Each year the Federal Government prepares and releases thousands of quality publications. Human Resources Management surveyed this vast resource to identify, review and annotate materials developed since 1975 which are suitable for use by vocational education teachers. These materials are cited in eight separate volumes which are listed on the inside cover of this booklet. In addition to the traditional vocational education program areas, efforts were made to locate and annotate materials for use with the handicapped, disadvantaged, older Americans, displaced homemakers, youth and clientele of CETA programs. Also, general references for vocational and career education are included in each booklet. While these listings are by no means exhaustive, the materials are representative of both print and nonprint materials which can be obtained free or for a nominal charge from federal organizations. Every attempt possible has been made to ensure that the organizational names are the latest and most accurate. However, materials from the former U.S. Department of Health, Education and Welfare (HEW) were developed and annotated prior to the recent division of the Department into the Department of Health and Human Resources and the new Department of Education. Thus, the old name HEW has been used.

[Since this bibliography was prepared, some items may have been discontinued or have price increases. You may wish to write the source for updated information before placing an order with payment.]

# HOW TO USE THIS LISTING

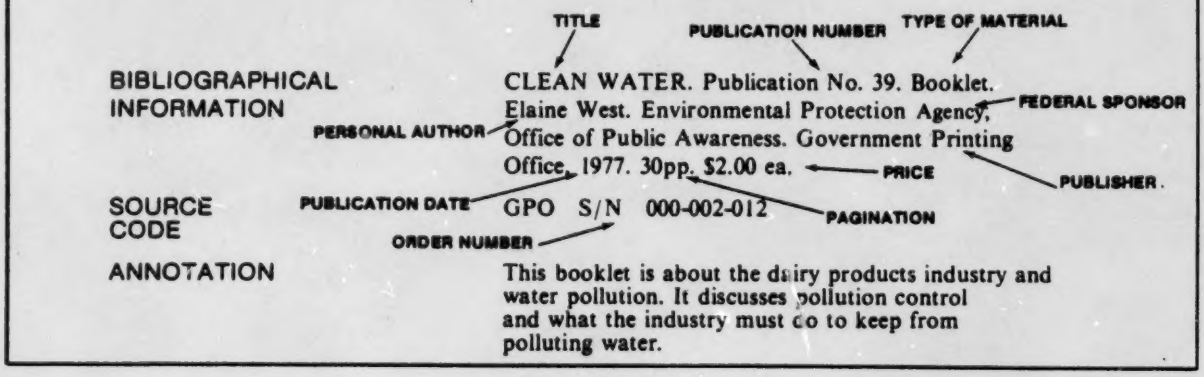
Materials selected for inclusion in this booklet have been placed under the subject headings as given in the table of contents. The basic format used for each title entry is composed of three sections:

- **bibliographical information** listing the title, publication number, type of material, personal author, federal sponsor, publisher, publication date, number of pages, and the price
- **a source code** which gives the federal organization from which the material can be ordered and the appropriate stock or order number or letters
- **an annotation** or explanatory notes giving the use and intended users of the material

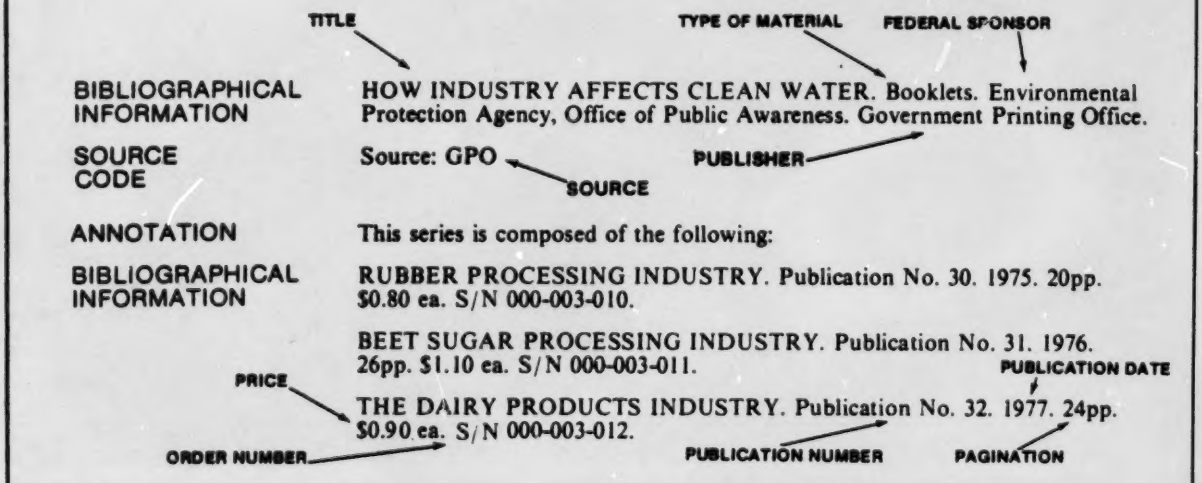
The same format has been used in citing both printed and audiovisual materials. In cases where a series has been cited, the title of the series and other information common to all its volumes are contained in the bibliographical information section. Following the source section, individual entries for each of the volumes are listed.

The examples below detail the various components of an individual entry and an entry for a series:

**INDIVIDUAL ENTRY**




**SERIES ENTRY**


TITLE
TYPE OF MATERIAL
FEDERAL SPONSOR
BIBLIOGRAPHICAL INFORMATION
HOW INDUSTRY AFFECTS CLEAN WATER. Booklets. Environmental Protection Agency, Office of Public Awareness. Government Printing Office.
SOURCE CODE
Source: GPO
PUBLISHER
SOURCE
ANNOTATION
This series is composed of the following:
BIBLIOGRAPHICAL INFORMATION
RUBBER PROCESSING INDUSTRY. Publication No. 30. 1975. 20pp. $0.80 ea. S/N 000-003-010.
BEET SUGAR PROCESSING INDUSTRY. Publication No. 31. 1976. 26pp. $1.10 ea. S/N 000-003-011.
PUBLICATION DATE
PRICE
THE DAIRY PRODUCTS INDUSTRY. Publication No. 32. 1977. 24pp. $0.90 ea. S/N 000-003-012.
ORDER NUMBER
PUBLICATION NUMBER
PAGINATION

## ABBREVIATIONS USED IN THIS LISTING

| | | | |
|---|---|---|---|
| **approx.** | approximately | **B&W** | black and white |
| **BR** | braille | **cm** | centimeter |
| **col.** | color | **comp.** | compiler |
| **ea.** | each | **ed.** | editor |
| **et al.** | and others | **ill.** | illustrated |
| **in.** | inch(es) | **IPS** | inches per second |
| **min.** | minute(s) | **MM** | millimeter |
| **mono** | monaural | **No.** | number |
| **Opt. Sd.** | optical sound | **RC** | recorded cassette |
| **RD** | recorded disc | **RM** | recorded master |
| **RPM** | revolutions per minute | **Rev.** | revised |
| **S** | side(s) | **S/N** | (GPO) stock number |
| **V.** | volume | | |

# SOURCE AND ORDERING INFORMATION

The names and addresses of the sources from which materials described in this volume can be ordered are listed below. In addition, ordering information and brief descriptions of some of these sources are included. Requests for materials or information should be directed to the specific offices as indicated. Since the source of the material is not always the same as the federal sponsor, it is important that the information on the "source code" line be used for ordering. Most offices will accept checks or money orders but not currency. Sources vary as to which charge cards are acceptable, discount rates, arrangements for deposit accounts, order forms and guidelines, special mail handling requirements, and availability of materials on microfiche or computer magnetic tapes. Write individual sources for details. Since many of these materials can be ordered from either the Government Printing Office or the National Audiovisual Center (Government Services Administration), order blanks for these two sources can be found at the back of the booklet. Please note that prices are subject to change. Most materials may be delivered sooner, but allow 30 to 60 days for delivery.

## ORDERING SOURCES

**ACTION** **Action/Peace Corps**
Information Collection and Exchange
806 Connecticut Ave., N.W.
Washington, D.C. 20525

Action's Information Collection and Exchange makes available technical publications on training, programming and appropriate technology developed by Peace Corps volunteers. Training guides, curricula, lesson plans, manuals, and other materials developed in the field are collected and reviewed. Listings of publications are available on request.

**CERN** **Consumer Education Resource Network**
1500 Wilson Blvd.
Suite 800
Rosslyn, VA 22209

The Consumer Education Resource Network provides reference and referral services to all consumer educators. Services include publications such as ConCERNs, a monthly publication, training, and technical assistance. Requests may be made in person, by mail, or via the toll-free telephone line: 800-366-0223.

**CFTC** **U.S. Commodity Futures Trading Commission**
2033 K Street, N.W.
Washington, D.C. 20581

**CPSC** **U.S. Consumer Product Safety Commission**
Office of Communications
111 18th St., N.W.
Washington, D.C. 20207

Publications and films on product safety are available on request.

**CRC** **U.S. Commission on Civil Rights**
1121 Vermont Ave., N.W.
Washington, D.C. 20425

In addition to advancing the cause of equal opportunity, it serves as a national clearinghouse for civil rights information. Commission publications are made available on request from the Publications Management Division; a catalog of publications is also available upon request.

**DOC/NBS** **U.S. Department of Commerce**
National Bureau of Standards
Office of Technical Publications
Washington, D.C. 20234

The Department of Commerce's National Bureau of Standards develops measurement standards and techniques that affect science, industry, and commerce, and facilitates their effective application for the public good. For information on publications contact the Office of Technical Publications; films are available on free loan to scientific and professional organizations, educational institutions, and nonprofit community groups from:

Modern Talking Picture Service
5000 Park Street N.
St. Petersburg, FL 33709

**DOC/OC** **U.S. Department of Commerce**
Office of Communications
Washington, D.C. 20230

**DOE/IIR** **U.S. Department of Energy**
Office of Intergovernmental and Institutional Relations
Washington, D.C. 20585

This office performs outreach and consumer affairs coordination functions. It maintains and oversees Department of Energy relations with Congress, the news media, States, private institutions and consumer interests.

**DOE/PA** **U.S. Department of Energy**
Office of Public Affairs
1000 Independence Ave., S.W.
Washington, D.C. 20585

**DOE/RA** **U.S. Department of Energy**
Office of Resource Applications
RA-324
Room 3518, Federal Building,
MS 3344
Washington, D.C. 20461

This office is responsible for developing, managing, and directing policies and programs to increase domestic energy supplies.

**DOE/TIC** **U.S. Department of Energy**
Technical Information Center
P.O. Box 62
Oak Ridge, TN 37830

Orders for complete sets or bulk quantities of individual titles are only available to teachers, librarians, and energy information centers and should be submitted on official letterhead stationery.

Individuals may request up to five titles.

For information on printing negatives, write to:

U.S. Department of Energy
Division of Editorial Services
Washington, D.C. 20585

**DOI/PA** **U.S. Department of the Interior**
Office of Public Affairs
Washington, D.C. 20240

**DOJ/LEAA** **U.S. Department of Justice**
Law Enforcement Assistance Administration
633 Indiana Ave., N.W.
Washington, D.C. 20531

LEAA serves as a national and international clearinghouse for the exchange of criminal justice information through the National Criminal Justice Reference Service.

**DOJ/PI** **U.S. Department of Justice**
Office of Public Information
Constitution Ave. & 10th Street, N.W.
Washington, D.C. 20530

**DOL/BLS** **U.S. Department of Labor**
Bureau of Labor Statistics
Information Office—Rm. 1539
441 G Street, N.W.
Washington, D.C. 20212

The Bureau of Labor Statistics collects and analyzes data on areas such as manpower and labor requirements, employment, labor force, wages, labor-management relations, occupational safety and health. The information is issued in monthly press releases, in special publications, and in its official journal. There are BLS regional offices throughout the country which also issue additional reports.

Publications are available both free and for sale.

**DOL/ETA** **U.S. Department of Labor**
Employment and Training Administration
Rm. 10225
601 D Street, N.W.
Washington, D.C. 20213

The Department of Labor's Employment and Training Administration publishes booklets, pamphlets, and reports on apprenticeship programs, work experience, unemployment insurance, occupational analyses, and research results. Consumer fact sheets on ETA's major programs and other periodicals are also available. Single copies of most publications are available free of charge.

**DOL/IPR** **U.S. Department of Labor**
Office of Information, Publications, and Reports
Room S1032
200 Constitution Avenue, N.W.
Washington, D.C. 20210

**DOL/WB** **U.S. Department of Labor**
Women's Bureau
200 Constitution Avenue, N.W.
Washington, D.C. 20210

Formulates standards and policies to promote the welfare of working women and improve their working conditions and investigates and reports on such matters. The Women's Bureau has 10 regional offices throughout the U.S. Single copies of publications are free of charge.

**DOT/FAA** **U.S. Department of Transportation**
Federal Aviation Administration
Office of Public Affairs
Public Information Center-APA-430
800 Independence Avenue, S.W.
Washington, D.C. 20591

The Department of Transportation's Federal Aviation Administration regulates air commerce, fosters aviation safety, and promotes civil aviation and a national system of airports. For additional information contact the Office of Public Affairs; Free FAA publications are available from:

U.S. Department of Transportation
Publications Section-M-443.1
Washington, D.C. 20590

**DOT/FHA** **U.S. Department of Transportation**
Federal Highway Administration
400 7th Street, S.W.
Washington, D.C. 20590

The Department of Transportation's Federal Administration administers the Federal-aid highway program of financial assistance, and highway safety and beautification programs. It also develops and administers training programs, fellowship programs in highway safety transportation research and education and a highway technician scholarship program.

**DOT/NHTSA** **U.S. Department of Transportation**
National Highway Traffic Safety Administration
400 7th Street, S.W.
Washington, D.C. 20590

The National Highway Traffic Safety Administration maintains and collects scientific and technical information on motor vehicle safety. It serves as a documentary reference point for Federal, State and local agencies, industry, educational organizations, and the public.

**DOT/PCA** **U.S. Department of Transportation**
Office of Public and Consumer Affairs
700 7th Street, S.W.
Washington, D.C. 20590

**DOT/TSC** **U.S. Department of Transportation**
Transportation Systems Center
Office of Technology Sharing
Kendall Square, Code 151
Cambridge, MA 02142

Among its other activities, the Center collects and disseminates transportation information and statistics to regional, State and local organizations and consumers.

**DOT/UMTA** **U.S. Department of Transportation**
Urban Mass Transportation Administration
Office of Policy and Program Development
400 7th Street, S.W.
Washington, D.C. 20590

The Department of Transportation's Urban Mass Transportation Administration assists in the development of improved mass transportation systems; it maintains 10 field offices throughout the U.S.

**DT/PA** **U.S. Department of the Treasury**
Office of Public Affairs
Room 2324
Washington, D.C. 20220

**EPA/PA** **U.S. Environmental Protection Agency**
Office of Public Awareness
401 M Street, S.W.
Washington, D.C. 20460

This office develops and maintains information and public awareness programs. Inquiries for information on films, publications and speakers can be directed to this office.

**EPA/PIC** **U.S. Environmental Protection Agency**
Public Information Center
401 M Street, S.W.
Washington, D.C. 20460

The Public Information Center provides information about EPA's programs and makes available EPA publications.

**ERIC** **U.S. National Institute of Education**
Educational Resources Information Center
1220 19th Street, N.W.
Washington, D.C. 20208

ERIC is a national information system sponsored by the National Institute of Education. It disseminates education research results, practitioner-related materials and other resource information.

**FMC** **U.S. Federal Maritime Commission**
1100 L Street, N.W.
Washington, D.C. 20573

**FTC** **U.S. Federal Trade Commission**
Office of Public Information
Pennsylvania Avenue at Sixth Street, N.W.
Washington, D.C. 20580

A free list of publications is available on request.

**GPO** **U.S. Government Printing Office**
Superintendent of Documents
Washington, D.C. 20402

In addition to being the Federal government's printer and bookbinder it sells government publications and prepares catalogs. It sells over 25,000 various publications. A free information brochure *Consumer Guide to Federal Publications* provides a description of the services provided by GPO which maintains bookstores in 20 cities.

**GSA/CIC** **U.S. General Services Administration**
Consumer Information Center
Pueblo, CO 81009

By encouraging Federal agencies to develop and release useful consumer information the Consumer Information Center attempts to increase public awareness of this information. It issues a quarterly publication and distributes it free of charge.

**GSA/FIC** **U.S. General Services Administration**
Federal Information Center

Federal Information Centers, clearinghouses of information about the Federal Government are maintained in 38 major metropolitain areas. Information requests can be made by letter, telephone, or in person. For a list of Federal Information Centers, write to:

U.S. General Services Administration
Office of Public Affairs
Washington, D.C. 20405

**GSA/NAC** **U.S. General Services Administration**
National Audiovisual Center
Washington, D.C. 20409

The General Services Administration's National Audiovisual Center is the central clearinghouse for all Federal audiovisual materials. They are available for public use through information and distribution services:

*Sales*: Motion pictures, video formats, slide sets, audiotapes, and multimedia kits are available for purchase. Conversion to other media formats can be made.

*Rental*: Only 16mm motion pictures are available for rent.

*Loan Referrals*: Free loan distribution of 16mm motion pictures is available to the public from regional Federal agency offices. The Center refers users to closest loan distributor.

For purchase or rental of materials, contact the *Order Section/ RI*; include title and title number of material and make checks payable to National Archives Trust Fund (NAC). To be billed, an official purchase order or letter on official letterhead is required.

For information on other services contact the *Reference Section RL*.

**HEW/HDS** **U.S. Department of Health, Education, and Welfare**
Office of Human Development Services
Washington, D.C. 20201

This office administers social and rehabilitation services and human development programs oriented towards special populations—the elderly, low-income children, metally and physically handicapped.

**HEW/HRA** **U.S. Department of Health, Education, and Welfare**
Health Resources Administration
Office of Communications
3700 East-West Highway
Hyattsville, MD 20782

As part of HEW's Public Health Service, HRA identifies health care resource problems, and maintains the distribution of these resources to improve the health care system.

Single copies of most publications are available, free of charge:

H.R.A.
Office of Communications
3700 East-West Highway
Hyattsville, MD 20782

**HEW/NIE** **U.S. Department of Health, Education, and Welfare**
National Institute of Education
Office of Public Information
1200 19th Street, N.W.
Washington, D.C. 20208

**HEW/OE** **U.S. Department of Health, Education, and Welfare**
Office of Education
Education Information Center
Washington, D.C. 20202

Single copies available free while supply lasts.

**HEW/PHS** **U.S. Department of Health, Education, and Welfare**
Public Health Service
Office of Public Affairs
200 Independence Ave., S.W.
Washington, D.C. 20201

Inquiries about films and publications should be sent to the above address.

**HUD/PIC** **U.S. Department of Housing and Urban Development**
Public Information Center
451 7th Street, S.W.
Washington, D.C. 20410

**LC/NLSBPH** **Library of Congress**
National Library Service for the Blind and Physically Handicapped
Reference Section
1291 Taylor Street, N.W.
Washington, D.C. 20542

The NLS is a free national library program of braille and recorded materials for blind and physically handicapped persons. Reading materials are distributed to cooperating regional and local libraries which circulate them to eligible borrowers. These materials are sent to borrowers and returned to libraries by postage-free mail. In addition to its book and magazine collection, the following services are also offered:

- special equipment—playback equipment is loaned free to readers
- music services—music materials are available from the Music Section
- volunteer services—free correspondence course leading to braille transcribing certification and proofreading are available
- information services—questions in reference to blindness and physical handicaps are answered.

**LC/NRC** **Library of Congress**
National Referral Center
Washington, D.C. 20540

The Library of Congress' National Referral Center is a free referral service which directs those with questions to resources which have the information. The referral service uses a subject-indexed, computerized file of 13,000 organizations of information resources including not only traditional information sources, but also such sources as professional associations and grass roots citizens' organizations. Requests for referral services may be made by letter, telephone (202-287-5670, Reference Section), or in person.

**NASA** **National Aeronautics and Space Administration**
400 Maryland Ave., S.W.
Washington, D.C. 20546

NASA conducts research on space technology, flight, and exploration within and outside the earth's atmosphere. Services include speakers, films, and exhibits. Publications include *NASA Directory of Services for the Public*, *NASA Film List*, and *NASA Educational Publications List*. For further information, contact the NASA Headquarters Information Center, Washington, D.C. 20546.

**NCRVE** **National Center for Research in Vocational Education**
The Ohio State University
1960 Kenny Road
Columbus, OH 43210

The National Center for Research in Vocational Education's purpose is to increase the ability of institutions to solve educational problems relating to individual career planning and preparation. Under a contract with the U.S. Office of Education's Bureau of Occupational and Adult Education, it serves as a clearinghouse. For additional information on the Center's services, programs and projects, write to the *Program Information Office*; for information on products or publications, write to the *Publications Office*.

**NSF** **National Science Foundation**
1800 G Street, N.W.
Washington, D.C. 20550

The National Science Foundation initiates and supports research and education activities in all scientific disciplines. Major national and international science programs include the U.S. Antarctic Program and the International Decade of Ocean Exploration. To learn about the Foundation's information and publication dissemination activities, write either the Publications Unit, or the Public Information Branch.

**NTIS** **U.S. Department of Commerce**
National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161

NTIS is the Federal government's central point for the sale of government funded research and development reports. The following services are available:

- NTI Search-on-line computer search service locates abstracts on 650,000 research reports; copies of reports are sold in paper or microfiche.
- NTIS Bibliographic Data File (on magnetic tape) of published and unpublished abstracts is available for lease.

**OPM** **U.S. Office of Personnel Management**
Distribution Unit
Room B-431
7900 E Street, N.W.
Washington, D.C. 20415

The Office of Personnel Management (OPM), formerly the Civil Service Commission, administers the Federal employment merit system. OPM makes available career guidance films and other audiovisuals and publications addressed to various audiences. It maintains ten regional offices throughout the U.S. Employment information is available through OPM's Job Information Centers.

**PCEH** **President's Committee on Employment of the Handicapped**
1111 20th Street, N.W.
Washington, D.C. 20210

**SBA** **U.S. Small Business Administration**
Office of Public Information
1441 L Street, N.W.
Washington, D.C. 20416

**TVA** **Tennessee Valley Authority**
Office of Public Information
400 Commerce Avenue
Knoxville, TN 37902

The TVA is a Government-owned corporation that conducts a resource development program for economic growth in the Tennessee Valley region. Information on environmental education and agriculture and on publications and films is available.

**USDA/OC** **U.S. Department of Agriculture**
Office of Communications
Washington, D.C. 20250

Free publications are available from this office.

**USDA/ES** **U.S. Department of Agriculture**
**Extension Service**

Four USDA agencies—Agricultural Research Service (ARS), Cooperative State Research Service (CSRS), Extension Service (ES), and the National Agricultural Library (NAL)—have been merged to form the new Science and Education Administration.

Requests for publications should be sent to:

U.S. Department of Agriculture
Science and Education Administration
Publication Requests and Distribution
Information Staff
Washington, D.C. 20250

**USDA/FNIERC** **U.S. Department of Agriculture**
The Food and Nutrition Information and Education Resources Center
National Agricultural Library
Room 304
Beltsville, MD 20705
Tel.: 301-344-3719

The Food and Nutrition Information and Education Resources Center is a part of the Department of Agriculture Science and Education Administration. It serves as an information center for groups and individuals interested in human nutrition, food service management, and food technology by providing the following services:

- acquires and lends books and audiovisuals
- provides photocopies of journal articles
- provides specific answers to questions on food and nutrition
- provides comprehensive reference services including computer searches.

The collection of materials ranges from children's materials to more sophisticated professional information. Information requests are received by telephone and mail; personal visits are also welcomed.

**USDA/GPA** **U.S. Department of Agriculture**
Office of Governmental and Public Affairs
Publications Division
Washington, D.C. 20250

Single copies of most publications are available free; request a free copy of List 5 of current available publications and prices.

**USDA/SEA** **U.S. Department of Agriculture**
Science and Education Administration
Publication Requests and Distribution
Information Staff
Washington, D.C. 20240

The former Agricultural Research Service (ARS), Cooperative State Research Service (CSRS), Extension Service (ES), and the National Agricultural Library (NAL) have been merged to form the SEA, which maintains four regional offices throughout the U.S.

**USPS** **U.S. Postal Service**
Office of Public Communications
475 L'Enfant Plaza West, S.W.
Washington, D.C. 20260

Publications, films, and speakers are available on request.

# TECHNICAL EDUCATION

## GENERAL REFERENCES

**INCREASING JOB OPTIONS FOR WOMEN.** 10i min., 2 x 2 Slides, Audiocassette, Col. 1976. Sale $26.25

Source: GSA/NAC Title No. 007846/RB

Shows women working in a variety of non-traditional jobs, such as professional, technical, administrative, and managerial workers, in the skilled trades, and as repairers and machine operators. Encourages women to consider non-traditional occupations because they usually pay better than traditional women's jobs. Reviews Equal Employment Opportunity Officer Regulations against Sex Discrimination in Employment and Office of Contractor Compliance Requirements for Affirmative Action. 74 slides. 1 Audiocassette. 2-Track Mono. With audible advance signals. Script included.

**WHY NOT A WOMAN?** 26 min., 16 MM Film, Opt. Sd., Col. 1977. Sale $150.75

Source: GSA/NAC Title No. 010571/RB

Shows women working successfully in non-traditional jobs like welders, carpenters, and mechanics. Explores the attitudes of their male co- workers, supervisors, personnel managers, and teachers. Demonstrates the wide range of job options and training available to girls and women. Presents audiences with a realistic and entertaining argument against the long standing myths about women and work. Attempts to direct audiences to reassess their deep-seated attitudes about working women.

**VOCATIONAL/TECHNICAL: A SELECT LIST OF U. S. GOVERNMENT PRODUCED AUDIOVISUAL MATERIALS - 1978/79.** Catalog. General Services Administration, National Audiovisual Center. 1979. 56pp.

Source: GSA/NAC

This catalog features a select list of available materials from the National Audiovisual Center on vocational and technical instruction and training. Includes order/purchase forms.

**A REFERENCE LIST OF AUDIOVISUAL MATERIALS PRODUCED BY THE UNITED STATES GOVERNMENT, 1978.** Catalog. General Services Administration, National Audiovisual Center. Government Printing Office. 1978. 398pp.

Source: GPO S/N 052-003-00497-6. Also available from GSA/NAC.

List includes subject and title sections, rental and purchase policies, and a price list.

**VOCATIONAL EDUCATION AND TRAINING FOR THE NON-HANDICAPPED: A BIBLIOGRAPHY WITH ABSTRACTS.** A. Young. National Technical Information Service. 1978. 194pp. $28.00 ea.

Source: NTIS NTIS/PS-78/0315

Included are evaluations of technical schools or curricula. The evaluations are developed from the standpoint of both the industry's and the individual's needs. The reports abstracted cover programs aimed at the hardcore unemployed and the socially and economically disadvantaged.

**DIMENSIONS/NBS.** Periodical. Department of Commerce, National Bureau of Standards. Government Printing Office. $11.00/year.

Source: GPO Symbol DNBS

This is the official journal of the National Bureau of Standards. It keeps scientists, industrial managers, teachers and consumers up to date on the latest research at the Nation's Physical Sciences and Measurement Laboratory.

**NATIONAL BUREAU OF STANDARDS: A NATIONAL RESOURCE FOR SCIENCE AND TECHNOLOGY, FISCAL YEAR 1978.** Annual Report. Department of Commerce, National Bureau of Standards. Government Printing Office. 1979. 84pp.

Source: GPO S/N 003-003-02093-1

This report describes technical activities at the Bureau. The examples provided are intended to emphasize the importance and breadth of NBS work to the varied readers such as trade associations, and the general, trade, and technical news media.

**MANPOWER MAGAZINE.** Monthly Periodical. Department of Labor, Manpower Administration. $15.30/year.

Source: GPO

This is the official journal of the Manpower Administration; past issues have covered topics such as basic education and job training, public service jobs, technical education and careers in industry. Book reviews and lists of publications are usually included.

**ANNUAL EARNINGS AND EMPLOYMENT PATTERNS OF PRIVATE NONAGRICULTURAL EMPLOYEES, 1973-75.** Bulletin 2031. Department of Labor, Bureau of Labor Statistics. 1979. 283pp. $7.50 ea.

Source: GPO S/N 029-001-02386-3

This bulletin presents statistics on annual earnings and employment in the United States in 1973, 1974, and 1975. The Bureau of Labor Statistics developed the data from a 1% random sample of records of the Social Security Administration and the Railroad Retirement Board. The data provide a more accurate picture of annual earnings and employment patterns by industry than is available from any other source. The data are the last available from the Social Security Administration and provide historical continuity with the other published data in the series.

**EXPLORING CAREERS.** Handbook. Department of Labor, Bureau of Labor Statistics. 1979. 550pp. $10.00 ea.

Source: GPO S/N 029-001-02224-7. Also available from DOL/BLS.

A career education resource designed and written for junior high students; older students will find this book useful also. It can be used in classrooms, career resource centers and youth programs and is packaged to facilitate either group or individual use. Titles of individual chapters are: The World of Work and You, Industrial Production Occupations; Office Occupations; Service Occupations; Education Occupations; Sales Occupations; Construction Occupations; Transportation Occupations; Scientific and Technical Occupations; Mechanics and Repairers; Health Occupations; Social Scientists; Social Service Occupations; Performing Arts, Design and Communications Occupations; Agriculture, Forestry, and Fishery Occupations. *Exploring Careers* can be purchased as: A single volume, $10.00 ea.; 15 separate booklets, one for each chapter, $2.00 ea.; a set of 15 booklets, $12.00 set, S/N 029-001-02225-5.

**RESOURCES IN VOCATIONAL EDUCATION.** Bi-monthly Periodical. National Center for Research in Vocational Education. $34.00/yr.

Source: NCRVE

Includes abstracts of research, instructional, and other materials in vocational and technical education, and abstracts of funded proposals. The full texts of most documents announced in this publication are available in microfiche or hard copy from ERIC.

**TECHNOLOGY AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. 1979. 29pp.

Source: EPA/PA

Reprinted from the September, 1979 issue of *EPA Journal.*

**JOBS FOR WHICH YOU PROBABLY WILL NEED SOME COLLEGE OR SPECIALIZED TRAINING.** Pamphlet. Department of Labor, Bureau of Labor Statistics. 1979. Approx. 20pp. $1.75 ea.

Source: GPO S/N 029-001-02450-9

Presents a list of occupations for which college, technical, or specialized training is required. It highlights the training requirements and employment outlook for each.

## AERONAUTICAL AND AVIATION TECHNOLOGY

**WOMEN IN NON-TRADITIONAL AVIATION AND SPACE CAREERS: AN OVERVIEW.** Pamphlet. Department of Transportation, Federal Aviation Administration. 1979. 8pp. $1.00 ea.

Source: GPO S/N 050-007-00473-7

**GENERAL AVIATION, SELECTED REFERENCES.** Bibliographic List No. 10. Anne B. La Foy, Comp. Department of Transportation, Office of Administrative Operations. June, 1977. 71pp.

Source: NTIS

This bibliography is a selected, partially annotated listing of the DOT branch library's holdings of periodical articles, reports, books and pamphlets on the subject of general aviation.

**FAA FILM CATALOG.** Department of Transportation, Federal Aviation Administration. 20pp.

Source: DOT/FAA

All motion picture films listed in the catalog are 16MM, sound, color productions unless otherwise noted. There is no charge for the loan of FAA films; the films listed in this catalog are also available for purchase.

**TRANSPORTATION USA.** Quarterly Periodical. Department of Transportation, Office of Public Affairs. Government Printing Office. $6.00/year.

Source: GPO Symbol TUSA

Published to inform and stimulate interest and action in improving transportation.

**GUIDE TO FEDERAL AVIATION ADMINISTRATION PUBLICATIONS.** Report No. FAA-APA-PG-2. Department of Transportation, Federal Aviation Administration. Government Printing Office. 1979. 51pp.

Source: DOT/FAA

The FAA publishes numerous documents dealing with a variety of subjects from regulations on aviation safety to career guidance materials designed to enrich aviation curricula and promote interest in aviation careers. Many of these publications are of interest to the general public as well as to the aviation community.

**VISUAL RANGE: CONCEPTS, INSTRUMENTAL DETERMINATION, AND AVIATION APPLICATIONS.** Government Printing Office. 1977. 346pp. ill. $5.00 ea.

Source: GPO S/N 003-003-01782-5

A review of the principles, procedures, and instruments used in the measurement of visual range.

**LOOKING UP TO YOUR AVIATION CAREER.** 14 min., 16 MM Film, Opt. Sd., Col. 1979.

Source: GSA/NAC Title No. A01285/PF

Describes the more than 60 different career opportunities which aviation offers for people with different aptitudes, skills, and educational backgrounds. Illustrates how careers in aviation present a wide-ranging opportunity for achievement, challenge, responsibility, and fun. Audience: General Audience. Cleared for TV.

**LOW LEVEL WIND SHEAR.** 16 min., 16 MM Film, Opt. Sd., Col. 1978. Sale $92.75

Source: GSA/NAC Title No. A00367/PF

Shows how wind shear can change gradually or abruptly in windspeed and direction in a thin layer of the atmosphere. When severe low level wind shear occurs, it is particularly hazardous to aircraft during either approach or departure. Describes current research on airborn and ground-based wind shear detection techniques being sponsored by the federal government. Audience: Airline pilots, commercial pilots, private pilots, and flight instructors. Cleared for TV.

**MOUNTAIN FLYING.** 23 min., 16 MM Film, Opt. Sd., Col. 1976. Sale $133.50

Source: GSA/NAC Title No. 007823/PF

Flying around and over the rugged mountain peaks, expert pilots demonstrate that mountain flying offers very special challenges. Fast-changing weather and unpredictable air currents are among the hazards that must be countered by sharp pilot skills and good knowledge. Pilots also should know the capabilities of their aircraft and special peculiarities of local terrain and weather.

**OVERWATER FLYING.** 25 min., 16 MM Film, Opt. Sd., Col. 1976. Sale $145.00

Source: GSA/NAC Title No. 008663/PF

Designed for general aviation pilots planning to fly over water in light aircraft. Shows emergency survival gear, optical illusions over water, minimum navigational and radio equipment, proper ditching procedures, and water survival techniques.

**PUT WINGS ON YOUR CAREER.** 15 min., 16 MM Film, Opt. Sd., Col. 1978. Sale $87.00

Source: GSA/NAC Title No. A00119/PF

Illustrates the diversity of jobs associated with aviation maintenance both in government and private industry. Outlines the basic technical requirements and points interested people in the right direction for more specific career information. Audience: Secondary schools, vocational schools, high schools, and junior highs. Cleared for TV.

**SILVER EAGLE, THE - MASTER OF THE SKIES.** 16 min., 16 MM Film, Opt. Sd., B&W. 1979. Sale $52.75

Source: GSA/NAC Title No. A01283/PF

Uses nostalgia and good humor to remind general aviation pilots of the importance of good aeromedical habits. Shows a pilot who envisions himself as having extraordinary judgment and flying prowess, but like many pilots, he occasionally overestimates his own capabilities. Discusses the adverse effects of alcohol, medicine, stress, and fatigue. Emphasizes the importance of good vision, hearing, coordination, and judgement. Reinforces the benefits of being physically and mentally fit to fly. Audience: General Audience. Cleared for TV.

**SOME THOUGHTS ON WINTER FLYING.** 21 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $121.75

Source: GSA/NAC Title No. 009561/PF

Presents experienced Alaskan bush pilots, North Slopes air taxi operators, and private pilots talking about the hazards and safety precautions associated with cold weather flying. Shows proper winter preflighting, airframe icing, engineering laboratory technician operations, ski flying, survival gear, fueling, and the whiteout conditions. Cleared for non-sponsored TV.

**STALLING FOR SAFETY.** 18 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $104.50

Source: GSA/NAC Title No. 009523/PF.

Helps to reduce the number of stall and spin accidents by refreshing general aviation pilots on the principles of aerodynamics, different types of stalls, and recovery techniques. Demonstrates both the causes and cures of accidental spins. Encourages pilots to practice stalling and learn the tell-tale signs of an approaching stall. Cleared for non-sponsored TV.

**START UP.** 17 min., 16 MM Film, Opt. Sd., Col. 1976. Sale $98.50

Source: GSA/NAC Title No. 008664/PF

Stresses that after a long layoff, pilots should give particular attention to upgrading their own proficiency and to assuring the safe performance of their aircraft. Discusses pilot medical requirements, weather conditions affecting aircraft engines, hoses, windows, fabrics, and other components. Encourages pilots to get a check ride before flying again. Designed for general aviation pilots who have not flown for a while, especially those inactive during the winter months.

**TAKEOFFS AND LANDINGS.** 13 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $75.50

Source: GSA/NAC Title No. 009524/PF

Points out proper safety techniques and procedures to employ while taking off and landing light aircraft in potentially hazardous situations.

This production comprises three separate single concept films-- *Softfields - Takeoffs And Landings, Short Fields - Takeoffs And Landings, Crosswind - Takeoffs And Landings.* Cleared for non-sponsored TV.

**TORNADO BELOW.** 15 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $87.00

Source: GSA/NAC Title No. 009214/PF

Involves a young female student pilot who almost gets caught in the path of a tornado on her first solo flight. Explains how tornados are formed, their characteristics, and the destruction they cause. Also relates to work being done in the laboratory to better understand the dreaded phenomenon and the importance of information from early warning weather satellites in an attempt to reduce casualties from the 'Tornado Below'. From the Rediscovery Series. Other Format(s) or Version(s): 15 min., 1/2 in. Videocassette, Col. (VHS) 1975. Title No. A01531/PF. Sale $80.00. 15 min. 3/4 in. Videocassette, Col. 1975. Title No. 010220/PF. Sale $79.00.

## ARCHITECTURAL AND CIVIL ENGINEERING TECHNOLOGY

**COORDINATING TRANSPORTATION FOR THE ELDERLY AND HANDICAPPED, A STATE OF THE ART REPORT: THE INSTITUTE OF PUBLIC ADMINISTRATION.** Department of Health, Education, and Welfare, Social and Rehabilitation Service Administration, Administration on Aging. 1977. 148pp. ill. $2.75 ea.

Source: GPO S/N 017-062-00110-3

Identifies and examines on-going transportation projects in which coordination and/or consolidation of funds or services have been undertaken.

**ACCESS TO THE BUILT ENVIRONMENT: A REVIEW OF LITERATURE.** Department of Housing and Urban Development. 1979. 150pp. ill. $4.75 ea.

Source: GPO S/N 023-000-00516-6

This report is a review of access as a civil right, codes and standards, demographic factors, human factors, research, problem identification, and the psychological impact of inaccessibility.

**ACCESSIBILITY ASSISTANCE: A DIRECTORY OF CONSULTANTS ON ENVIRONMENTS FOR HANDICAPPED PEOPLE.** Consumer Services Administration. 1978. 202pp. $3.25 ea.

Source: GPO S/N 059-000-00056-0

This publication lists consultants concerned with the design needs of handicapped people.

**ACCESSIBLE BUILDINGS FOR PEOPLE WITH WALKING AND REACHING LIMITATIONS.** Department of Housing and Urban Development. 1979. 169pp. ill. $4.75 ea.

Source: GPO S/N 023-000-00509-3

**ADAPTABLE DWELLINGS.** Department of Housing and Urban Development. 1979. 38pp. ill. $2.00 ea.

Source: GPO S/N 023-000-00513-1

This report is a position paper on an approach to accessible housing.

**ARCHITECTURAL BARRIERS REMOVAL: INFORMATION RESOURCES, FUNDING GUIDE, PUBLICATIONS AVAILABLE FROM FEDERAL SOURCES.** Department of Health, Education, and Welfare, Office of Human Development Services. Printing Office. 1979. 41pp. $2.25 ea.

Source: GPO S/N 017-090-00046-1

**BARRIER FREE SITE DESIGN.** Department of Housing and Urban Development. 1975. Reprinted 1977. 82pp. ill. $4.00 ea.

Source: GPO S/N 023-000-00291-4

This publication provides designs and criteria to be considered when planning for the construction of outdoor recreational facilities for the handicapped.

**BUILT ENVIRONMENT FOR THE ELDERLY AND THE HANDICAPPED: A SELECTED BIBLIOGRAPHY.** Department of Housing, and Urban Development. 1979. 72pp. $3.50 ea.

Source: GPO S/N 023-000-00529-8

**EVALUATION OF HOUSING FOR THE SEVERELY DISABLED, IN THE CONTEXT OF A SERVICE DELIVERY SYSTEM.** Department of Housing and Urban Development. ill. $2.50 ea.

Source: GPO S/N 023-000-00500-0

This report is intended for use by designers, clients, and administering agencies in creating programs and constructing or modifying buildings for the disabled.

**HANDBOOK FOR DESIGN: SPECIALLY ADAPTED HOUSING.** Veterans Administration. 1978. 79pp. ill. $3.00 ea.

Source: GPO S/N 051-000-00125-1

This handbook provides assistance to the physically handicapped veteran and the architect or designer in producing the best possible home for the veteran.

**MOBILE HOMES, ALTERNATIVE HOUSING FOR THE HANDICAPPED.** Department of Housing and Urban Development. 1977. 48pp. ill. $1.80 ea.

Source: GPO S/N 023-000-00393-7

Reporting on a demonstration project sponsored by the Department of Housing and Urban Development, this booklet outlines the designs and plans of a series of 5 mobile homes which were modified to allow independent living for people with disabilities. The units are designed specifically to present no barriers to wheelchairs and incorporated cooking, bathing, and safety features that permit complete self-reliance for even severely disabled persons.

**NEW ENVIRONMENT FOR RETARDED PEOPLE, A MONOGRAPH OF ARCHITECTURAL EXHIBITS PRESENTED AT THE 4TH WORLD CONGRESS, INTERNATIONAL LEAGUE OF SOCIETIES FOR THE MENTALLY HANDICAPPED.** Department of Health, Education, and Welfare. 1975. 56pp. ill. $1.15 ea.

Source: GPO S/N 017-000-00141-8

This publication contains illustrations and descriptions of facilities throughout the world that are for retarded and handicapped people.

**SELECTED BIBLIOGRAPHY ON BARRIER-FREE DESIGN.** Department of Housing and Urban Development. 1979. 19pp. $1.50 ea.

Source: GPO S/N 023-000-00512-3

This annotated bibliography contains a list of basic references on designing buildings which consider the needs of the physically handicapped.

**SMALL GROUP HOMES FOR THE HANDICAPPED AND DISABLED: AN ANNOTATED BIBLIOGRAPHY.** Department of Housing and Urban Developemnt. 1977. 45pp. $2.30 ea.

Source: GPO S/N 023-000-00458-5

**SOLAR 77.** Department of Energy, Office of the Secretary. 1978. 36pp. ill. $1.80 ea.

Source: GPO S/N 061-000-00093-3

This primer presents an explanation of solar energy that nearly everyone can understand. Its point of departure is a discussion of the conservation and system features necessary for an efficient, cost effective, and comfortable solar-tempered home. The principles of solar home heating are described in easy-to-understand language, and energy efficiency is discussed and demonstrated.

**LOW RISE HOUSING FOR OLDER PEOPLE: BEHAVIORAL CRITERIA FOR DESIGN.** Deparment of Housing and Urban Development. 1977. 141pp. ill. $3.00 ea.

Source: GPO S/N 023-000-00434-8

**BUILDING THE SOLAR HOME: SOME EARLY LESSONS LEARNED.** Booklet. Department of Housing and Urban Development. 1978. 36pp. ill. $1.70 ea.

Source: GPO S/N 023-000-00455-1

This booklet summarizes and reports the problems that have arisen in solar projects sponsored by the Department of Housing and Urban Development. Areas covered include difficulties in the design, calculations, and various components of the many active and passive systems built and evaluated for the program.

**DESIGNING KITCHENS FOR SAFETY.** Department of Housing and Urban Development. 1976. 10pp. ill. $0.35 ea.

Source: GPO S/N 023-000-00266-3

Sets forth principles of home kitchen design that promote accessibility, utility, and safety.

**DESIGNS FOR LOW-COST WOOD HOMES.** Department of Agriculture. 1969. Reprinted 1978. 29pp. ill. $1.75 ea.

Source: GPO S/N 001-001-00019-1

Contains descriptive summary sheets for eleven designs for low cost wood homes. Includes floor plans, interior and exterior sketches of the houses, and special features and construction methods incorporated in each design. Working plans are available for each design listed below:

**House Plan No. FS-FPL-1.** 768 sq. ft. One-story, three-

bedroom home for a family with 3-5 children. Features open living-dining-kitchen area which gives feeling of spaciousness to its relatively small size. A treated wood-post foundation permits construction on sloping sites without costly grading and masonry work. 1969. Reprinted 1978. $3.75 ea. 9 sheets. S/N 001-001-00009-4.

**House Plan No. FS-FPL-2.** 1,404 sq. ft. One and one-half story home for a large family of up to 12 children. First floor has three bedrooms, bath, and living-dining-kitchen area. Second floor consists of two large dormitory-type bedrooms, each divided by a wardrobe closet. 1969. Reprinted 1977. $2.95 ea. 9 Sheets. S/N 001-001- 00010-8.

**House Plan No. FS-FPL-4.** 768 or 1,228 sq. ft. An expandable home. Steeply pitched roof allows room on second floor for two dormitory- type bedrooms to accommodate up to eight children, and a bath, if desired. The first floor provides a living room, compact kitchen and dining area, two bedrooms and bath. 1969. Reprinted 1978. $3.75 ea. 9 Sheets. S/N 001-001-00012-4.

**House Plan No. FS-SE-1.** 1,024 sq. ft. Three-bedroom home for a flat site. Square shape provides a lot of usable interior space for house this size. Open kitchen, dining room, living room area. Three bedrooms are multi-purpose rooms for playing, studying and sleeping. Design also features novel floating-wood system. 1969. Reprinted 1978. $3.25 ea. S/N 001-001-00013-2.

**House Plan No. FS-SE-6.** 900 sq. ft. each unit. Hillside duplex provides two-family home on sloping site. Design is based on pole- frame structure combined with wood Gothic-type arches. Two units of two stories each provide complete privacy for each family. Kitchen, dining and living room areas on first floor; two bedrooms on second. Plans provide for wood deck, and balcony between the two units. One unit can be built separately for a single family. 1969. Reprinted 1977. $3.00 ea. S/N 001-001-00018-3.

**WOOD FRAME HOUSE CONSTRUCTION.** Department of Agriculture. 1975. Reprinted 1979. 223pp. ill. $4.25 ea.

Source: GPO S/N 001-000-03528-2

This compact book presents established methods and principles for constructing a wood-frame house. An easy-to-understand text combines with a series of drawings to take readers through the entire process of building a house, from excavating the site to shingling the roof. It also contains information on protecting the house against decay, termites, and fire, selecting and protecting building materials, and reducing building costs.

**WOOD HANDBOOK: WOOD AS AN ENGINEERING MATERIAL.** Department of Agriculture. 1974. Reprinted 1978. 432pp. ill. $10.00 ea.

Source: GPO S/N 001-000-03200-3

Provides engineers, architects, and others with a source of information on the physical and mechanical properties of wood, and how these properties are affected by variations in the wood itself.

**SELECTED U. S. GOVERNMENT AUDIOVISUALS: ENGINEERING.** Catalog. General Services Administration, National Audiovisual Center. 1977. Approx. 20pp.

Source: GSA/NAC

This catalog lists audiovisual materials on engineering available from the National Audiovisual Center. The materials cover civil, mechanical, general, nuclear, environmental, marine and industrial engineering.

**A MANUAL FOR HOSPITAL CENTRAL SERVICES.** HRA77-4013. Reference Book. Department of Health, Education, and Welfare, Health Resources Administration. 1977. $2.30 ea.

Source: GPO S/N 017-022-003872. Also available from HEW/HRA.

Serves as a manual and reference text for the proper design of a hospital pharmacy.

**ENERGY MANAGEMENT: THE GAME EVERYBODY WINS.** HRA78-621. Leaflet. Department of Health, Education, and Welfare, Health Resources Adminstration. 1978.

Source: HEW/HRA

This leaflet provides a step-by-step check list of how to mount an energy management program. It is intended for engineers and management staffs in health care facilities.

**SOLAR HEATING AND COOLING OF RESIDENTIAL BUILDINGS.** Department of Commerce, Economic Development Administration. 1977.

Source: GPO

The following two books present a course to train home designers and builders in the fundamentals of solar hydronic and air systems for space heating and cooling and domestic hot water heating for residential buildings.

**Design Of Systems.** 569pp. ill. $8.25 ea. S/N 003-001-00084-4.

**Sizing, Installation, And Operation Of Systems.** 375pp. ill. $7.00 ea. S/N 003-011-00085-2.

**INTRODUCTION TO SOLAR HEATING AND COOLING DESIGN AND SIZING.** Department of Energy, Office of the Secretary. 1978. 502pp. ill. $6.75 ea.

Source: GPO S/N 061-000-00152-2

Designed to introduce the practical aspects of solar heating/cooling systems to heating air conditioning contractors, architects, engineers and other interested individuals, this manual was developed as part of a two-day course which travelled to all continental 48 states from 1974 to 1978. The text was prepared by noted solar energy developers to enable readers to assess potential solar heating/cooling applications in specific geographical areas, and includes tools necessary to create a preliminary design of the system and to analyze its economic benefits.

**ASEISMIC DESIGN OF BUILDING SERVICE SYSTEMS: THE STATE-OF-THE-ART.** Department of Commerce, National Bureau of Standards. 1978. 78pp. $2.50 ea.

Source: GPO S/N 003-003-01974-7

Reviews pertinent literature and applicable code and standard regulations, summarizes information supplied by specialists, reports the findings of a field visit to the construction sites of two aseismic-design hospitals, identifies deficiencies in current design/evaluation practice, and supplies recommendations for research.

**ACCESSIBLE BUILDINGS FOR PEOPLE WITH SEVERE VISUAL IMPAIRMENTS.** Department of Housing and Urban Development. 1979. 118pp. ill. $4.00 ea.

Source: GPO S/N 023-000-00515-8

The results of a study to determine whether the usability of buildings for people with severe visual impairments could be enhanced through design.

**HOW TO ACCOMMODATE WORKERS IN WHEELCHAIRS.** Reprint. 6pp.

Source: PCEH

An article by Janet Asker and Jules Asker reprinted from the October 1976 issue of *Job Safety and Health.* Discusses who the disabled are and factors such as worksite accommodations.

**ACCESS AMERICA.** 13 min., 16MM Film, Opt. Sd., Col. 1976. Sale $75.50

Source: GSA/NAC Title No. 008625/PF

Discusses environmental barriers. Shows well-designed, functional, accessible buildings and facilities in various locations throughout America. Concentrates on the numbers of handicapped persons, particularly wheelchair bound, and enumerates their difficulties in maneuvering in the environment. Good design solutions which provide access at minimal cost are depicted in a variety of settings.

**EXTREME WIND STUDY.** 16 min., 16MM Film, Opt. Sd., Col. 1975. Sale $92.75

Source: GSA/NAC Title No. 009627/PF

Documents a research program of The National Bureau of Standards Center for Building Technology sponsored by The Agency for International Development which contributed to improved storm- resistant building design and construction principles. Presents the study's findings dealing with hurricanes, typhoons, and cyclones. Audience: Architects, building engineers, government and community planning officials, economists, and regulatory officials.

**LEGACY, THE** 28 min., 16MM Film, Opt. Sd., Col. 1975. Rental $12.50 Sale $162.50

Source: GSA/NAC Title No. 009640/PF

Explains the total systems approach to fire safety and building protection. Focuses on GSA's first high-rise structure to include a total fire safety system, The Seattle Federal Building. Shows a total sprinkler system, 2-way voice communications, voice alerting systems, smoke detection equipment, automatic elevator recall, and a computer system. Also shows how all elements are visually brought together with the human element.

## URBAN PLANNING TECHNOLOGY

**INVESTIGATING YOUR ENVIRONMENT: TEACHING MATERIALS FOR ENVIRONMENTAL EDUCATION.** Department of Agriculture, Forest Service. 1978. $4.50 ea.

Source: GPO S/N 001-001-00446-4

Lesson plans to help the student develop the skills and motivation to interact with the environment at different levels. The following lesson plans are included: A Process and Problem Solving Approach to Environmental Education, Soil Investigation, Some Water Investigations, Some Forest Investigations, Investigating Some Animals and their Environment, A Land Use Simulation, Investigating the Human Community, and Developing Environmental Investigations.

**WHAT'S THE USE OF LAND: A SECONDARY SCHOOL SOCIAL STUDIES PROJECT.** National Aeronautics and Space Administration. 1976. 57pp. ill. $1.45 ea.

Source: GPO S/N 033-000-00665-9

Shows how aerial and space photographs of earth can be combined with information from other sources to aid in teaching school courses on several topics, including the use of land.

**LAND USE FORMS AND THE ENVIRONMENT, AN EXECUTIVE SUMMARY.** Environmental Protection Agency, Water Programs Operations Office. 1975. 36pp. ill. $1.00 ea.

Source: GPO S/N 055-001-0-01003-6

**URBAN ECOLOGY SERIES...THE URBAN ECOSYSTEM.** Department of the Interior, National Park Service.

Source: GPO

**The City As A Biological Community.** 1974. Reprinted 1976. 13pp. ill. $0.45 ea. S/N 024-005-00555-2.

**The City As A Park.** 1975. Reprinted 1978. 20pp. ill. $1.00 ea. S/N 024-005-00623-1.

**Ecological Engineering Of The City.** 1977. 36pp. ill. $1.60 ea. S/N 024-005-00686-9.

**Man, Nature, City.** 1971. Reprinted 1978. 20pp. ill. $1.10 ea. S/N 024-005-00280-4.

**The River In The City.** 1973. Reprinted 1978. 20pp. ill. $1.20 ea. S/N 024-005-00531-5.

**Technology Assessment In The City.** 1976. 20pp. ill. $0.35 ea. S/N 005-00630-3.

**INNOVATIVE FINANCING: BANKS AND ENERGY CONSERVATION.** Department of Energy, Office of the Secretary. 1978. 83pp. $3.00 ea.

Source: GPO S/N 061-000-00096-8

Describes the results of a project that examines what commercial banks could do on their own to encourage energy conservation in existing residences.

**SELLING THE SOLAR HOME: SOME PRELIMINARY FINDINGS.** Department of Housing and Urban Development. Government Printing Office. 1978. 38pp. $1.60 ea.

Source: GPO S/N 023-000-00444-5

Discusses the marketing approaches utilized in market experiences of the Department of Housing and Urban Development's demonstration program. Also summarizes some of the preliminary findings emerging from interviews of actual participants in the residential solar marketplace.

**LIST OF PUBLISHED SOIL SURVEYS.** Catalog. Department of Agriculture, Soil Conservation Service. Government Printing Office. 1979. 16pp.

Source: USDA/GPA

Published soil surveys contain, in addition to soil maps, general information about agriculture and climate of the area and descriptions of each kind of soil. They include a discussion of the formation and classification of the soils in the area and also soil laboratory data when available.

**A LOCAL OFFICIAL'S GUIDEBOOK.** Department of Housing and Urban Development. 1978. 28pp. ill. $1.30 ea.

Source: GPO S/N 023-000-00485-2

Conventional zoning techniques, while providing minimal health, safety and welfare standards, often do not provide a flexible guide for local decision-makers when new issues arise. This booklet is designed to help inform local zoning officials of the innovative approaches to zoning being used by other communities. Suggested are some new directions and procedures being used by other communities to deal with changing land use needs.

**A DIGEST OF THE LITERATURE.** Guidebook. Department of Housing and Urban Development. 1978. 53pp. ill. $2.30 ea.

Source: GPO S/N 023-000-00486-1

Conventional zoning techniques, while providing minimal health, safety and welfare standards, often do not provide a flexible guide for local decision makers when new issues arise. This booklet is a guide to the abundant literature on innovative zoning techniques.

**CENTER CITY ENVIRONMENT AND TRANSPORTATION: LOCAL GOVERNMENT SOLUTIONS.** Department of Transportation. 1977. 59pp. ill. $2.30 ea.

Source: GPO S/N 050-000-00135-1

Shows how seven American cities are using innovations in transportation and pedestrian movement as major tools in downtown revitalization.

**MYTHS AND REALITIES ABOUT CRIME.** Booklet. Department of Justice. 1978. 52pp. $2.30 ea.

Source: GPO S/N 027-000-00722-8

Myth: Elderly persons make up the most heavily victimized age group in our society. Reality: Rates of victimization are far higher for young individuals than for senior citizens. This and 22 other popular myths and surprising realities, along with supporting data, are presented in this booklet.

**HOUSING FOR THE ELDERLY AND HANDICAPPED: THE EXPERIENCE OF THE SECTION 202 PROGRAM FROM 1959 to 1977.** Department of Housing and Urban Development. 1979. 143pp. ill. $3.25 ea.

Source: GPO S/N 023-000-00499-2

Section 202 of the Housing Act of 1959 was one of the first Federal programs to produce housing designed especially for elderly or handicapped Americans. This report is an objective review of the Section 202 program, including its shortcomings as well as accomplishments.

**DESIGN FOR SAFE NEIGHBORHOODS: THE ENVIRONMENTAL SECURITY PLANNING AND DESIGN PROCESS.** Department of Justice. 1979. 83pp. ill. $3.00 ea.

Source: GPO S/N 027-000-00751-1

Describes an urban planning and design process that integrates crime prevention with neighborhood design and urban development.

**A PLAYGROUND FOR ALL CHILDREN.** Booklet. Department of Housing and Urban Development. 1978.

Source: GPO

These three booklets describe the development of the nation's first outdoor public playground to be especially designed for integrated play between handicapped and able-bodied children. Included in the series are:

- **Book 1: User Groups And Site Selection.** 52pp. ill. $2.30 ea. S/N 023-000-00461-5.
- **Book 2: Design Competition Program.** 49pp. ill. $1.60 ea. S/N 023-000-00462-3.
- **Book 3: Resource Book.** 155pp. ill. $3.50 ea. S/N 023-000-00463-1.

**LEAD PAINT POISONING.** Film. 7 min. Department of Commerce, National Bureau of Standards. 1978. Free.

Source: DOC/NBS

Lead paint poisoning is a serious problem, particularly in older, dilapidated housing. This film briefly describes the problem and non-destructive methods of determining the level of lead in paint. Produced for health and housing officials, urban developers, local government groups, and parent-teacher associations.

**EXTREME WIND STUDY.** Film. 18 min. Department of Commerce, National Bureau of Standards. 1975. Free.

Source: DOC/NBS

Low-rise buildings are particularly susceptible to damage by hurricanes, typhoons, and cyclones. In order to develop criteria for these buildings, the National Bureau of Standard's Center for Building Technology collected wind data from full scale buildings in the Philippines. With their frequent severe storms, these islands served as a natural laboratory. The field data were applied to creating experimental procedures in a wind tunnel for improving building construction. The project was sponsored by the Agency for International Development.

**RESIDENTIAL REPAIR AND RENOVATION FOR THE ELDERLY.** Edward Steinfeld. Department of Health, Education, and Welfare, Office of Human Development Services. 1977. 113pp.

Source: HEW/HDS

**INNOVATIONS.** 18 min., 16 MM Film, Opt. Sd., Col. 1977. Rental $12.50 Sale $104.50

Source: GSA/NAC Title No. 010688/PF

Points out new methods being used today that demonstrate mass transit's responsiveness to people's needs. Shows such diverse areas as handling bicycles on rapid transit systems, the effect of downtown malls on the vitality of cities, and accommodations for the elderly and handicapped. Audience: Transportation Industry. Cleared for TV.

**OVERVIEW OF URBAN TRANSPORTATION PLANNING, AN.** 25 min., 2 x 2 Slides, Audiocassette, Col. 1976. Sale $27.50

Source: GSA/NAC Title No. 008570/PF

Provides the viewer with a basic understanding of the principal issues in transportation planning. Provides incentive for the viewer to want to participate in the development of transportation solutions. Introduces the urban transportation planning process without resorting to technical jargon. Explains tasks involved in the UTP process and shows linkage between tasks. Audience: Technical personnel unfamiliar with transportation planning travel forecasting. Citizens groups, commission members, and others with an interest in an overview of the urban transportation problem and the planning process. 76 Slides, 1 Audiocassette, 2-Track, Mono, with audible and inaudible advance signals. User's guide included.

**EXTREME WIND STUDY.** 16 min., 16MM Film, Opt. Sd., Col. 1975. Sale $92.75

Source: GSA/NAC Title No. 009627/PF

Documents a research program of The National Bureau of Standards Center for Building Technology sponsored by The Agency for International Development which contributed to improved storm- resistant building design and construction principles. Presents the study's findings dealing with hurricanes, typhoons, and cyclones. Audience: Architects, building engineers, government and community planning officials, economists, and regulatory officials.

**AUDIBLE LANDSCAPE, THE.** 27 min., 16MM Film, Opt. Sd., Col. 1976. Rental $12.50 Sale $156.50

Source: GSA/NAC Title No. 010686/PF

Discusses the problem of noise in land development and highway location. Shows many solutions to this problem: among them are buffer zones, sound barriers, and the proper placement of houses and business complexes. Also shows how one town, possibly like the one in which you live, solves the problem of getting people, houses, and highways together. Audience: Land/highway planners. Cleared for TV.

**SUBSURFACE INVESTIGATION - THE REASON WHY.** 20 min., 16MM Film, Opt. Sd., Col. 1978. Sale $116.00

Source: GSA/NAC Title No. A00872/PF

Shows why proper soil and topographic studies are important to complete planning of highways before the highway is built. Stresses that the extra time and money spent to research the ground beneath a proposed route can identify potential problems which may later cause increased maintenance costs. Narrated by Joseph Campanella. Audience: Managers of state highway programs. Cleared for TV.

**CHILDREN'S EXPERIMENTAL WORKSHOP: EXPANDING THE PARK EXPERIENCE TO CHILDREN WITH SPECIAL NEEDS.** Department of the Interior, National Park Service. 1979. 190pp. ill. $4.50 ea.

Source: GPO S/N 024-005-00735-1

Describes and illustrates activities conducted at a workshop for handicapped children and young adults at Glen Echo Park, Maryland. The participants included physically handicapped, emotionally disturbed, mentally retarded, and hearing impaired children and young adults. This publication is designed to assist those interested in developing accessible programs in a variety of settings, parks, recreation areas, community centers, and other cultural and education facilities.

## ELECTRICAL AND ELECTRONIC TECHNOLOGIES

**STAND-BY ELECTRIC POWER EQUIPMENT FOR THE FARM.** Department of Agriculture. 1964. Reprinted 1976. 8pp. ill. $0.35 ea.

Source: GPO S/N 001-000-00210-4

**ELECTRIC ENERGY NETWORK: CROSS MATCHING AND INTERGRATING ENERGY SOURCES AND USES.** Department of Energy, Office of the Secretary 1978. 15pp. ill. $1.00 ea.

Source: GPO S/N 061-000-00132-8

**ELECTRICAL HAZARDS.** Department of the Interior, Mining Enforcement and Safety Administration. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 024-019-00027-6

Discusses the dangers presented by electricity in mines and summarizes basic safety precautions.

**GOOD WORK PRACTICES FOR ELECTROPLATERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977. 34pp. ill. $1.40 ea.

Source: GPO S/N 017-033-00240-1

**CAREER OPPORTUNITIES IN THE ELECTRIC POWER AND GAS UTILITIES INDUSTRIES.** Department of Labor. 1978. 136pp. ill. $3.25 ea.

Source: GPO S/N 029-000-00341-6

**TECHNOLOGICAL CHANGE AND ITS LABOR IMPACT IN FIVE ENERGY INDUSTRIES: COAL MINING; OIL AND GAS EXTRACTION; PETROLEUM REFINING; PETROLEUM PIPELINE TRANSPORTATION; ELECTRIC AND GAS UTILITIES.** Department of Labor, Bureau of Statisitcs. 1979. 64pp. ill. $2.40 ea.

Source: GPO S/N 029-001-02302-2

Appraises major technological changes emerging in coal mining, oil and gas extraction, petroleum refining, petroleum pipeline transportation, and electric and gas utilities industries; and discusses their present and potential impact on productivity and occupations.

**ELECTRICAL HAZARDS IN UNDERGROUND COAL MINING.** 13 min., 16MM Film, Opt. Sd., Col. 1975. Sale $75.00

Source: GSA/NAC Title No. 009797/RR

Points out some of the most prevalent electrical hazards that may be encountered in underground coal mining. Demonstrates the safe and efficient use and maintenance of various electrical equipment, machinery and installations required in the average mining operation.

Restriction: Purchaser must first request written permission from chief, Office of Audiovisuals, U. S. Department of Labor, Mine Safety and Health Administration, 4800 Forbes Avenue, Pittsburgh, PA 15313. After permission has been obtained, the purchaser should send his order to the National Audio Visual Center with the statement of approval attached.

**ELECTRONIC TECHNOLOGY.** 3/4 in. Videocassettes, Col. Department of Commerce, National Bureau of Standards.

Source: DOC/NBS

The following cassettes are available:

- **Safe Operating Area Limits For Power Transistors.** 28 mins. 1977. Suggests improvements in methods for measuring and specifying transistor power limits for forward bias operation.
- **Laser Scanning Of Active Semiconductor Devices.** 55 mins. 1975. Presents new and powerful applications for laser scanning in semiconductor device design and reliability work.

## COMPUTER SERVICING TECHNOLOGY

**HIERARCHICAL CONTROL: NBS RESEARCH IN DYNAMIC SENSORS AND COMPUTER CONTROL TECHNIQUES.** 20 min., Film. Department of Commerce, National Bureau of Standards. 1976.

Source: DOC/NBS

Programming industrial robots is easier and faster when done by computer, especially when higher levels of control are added. The film includes a demonstration of a robot performing simple tasks of stacking blocks and inserting a wooden peg in a hole. Sensory feedback from the robot to the computer is used to cope with the small misalignment of parts that might be encountered in a factory environment. Audience: Computer science college students, industrial and manufacturing engineers, scientific and technical groups.

**INDUSTRY WAGE SURVEY: COMPUTER AND DATA PROCESSING SERVICES, MARCH 1978.** Bulletin 2028.

Department of Labor, Bureau of Labor Statistics. 1979. 51pp. $2.50 ea.

Source: GPO S/N 029-001-02319-7

This bulletin summarizes the results of a first-time Bureau of Labor Statistics survey of occupational wages and supplementary benefits in the computer and data processing services industries in March 1978.

## ENERGY CONSERVATION AND USE TECHNOLOGY

**HEAT PUMP TECHNOLOGY: SURVEY OF TECHNICAL DEVELOPMENTS, MARKET PROSPECTS AND RESEARCH NEEDS.** Textbook. Department of Energy, Office of the Secretary. 1978. 464pp. ill. $ 6.25 ea.

Source: GPO S/N 061-000-00092-5

**SELLING THE SOLAR HOME: SOME PRELIMINARY FINDINGS.** Department of Housing and Urban Development. 1978. 37pp. $1.60 ea.

Source: GPO S/N 023-000-00444-5

Examines factors which influence the construction and sale of solar homes in local markets under the Residential Solar Heating and Cooling Demonstration Program.

**SOLAR MARKET: PROCEEDINGS OF THE SYMPOSIUM ON COMPETITION IN THE SOLAR ENERGY INDUSTRY.** Federal Trade Commission. 1978. 299pp. ill. $5.25 ea.

Source: GPO S/N 018-000-00216-7

**OPPORTUNITIES FOR ENERGY SAVINGS IN CROP PRODUCTION.** United States Congress. 1978. 288pp. ill. $3.75 ea.

Source: GPO S/N 052-070-04407-1

Evaluates various methods by which energy use in the major crop production activities may be reduced. Areas examined include nitrogen fertilization, production, crop drying, and irrigation.

**SOIL, WATER, AIR SCIENCES RESEARCH: ANNUAL REPORT.** Department of Agriculture, Soil Conservation Service. 1978. 270pp. $4.75 ea.

Source: GPO S/N 001-007-00902-2

Publication discusses the improvement of management of natural resources, and includes investigations on salt damage to crops, soils and waters; irrigation and drainage; tillage practices; solar and wind energy and precipitation; revegetation and reclamation of land areas disturbed by man; soil fertility; environmental pollution control, water yields, sediment amounts and sources, and agricultural chemical loadings in streams and rivers; and flooding, reservoir sedimentation, soil erosion, and chemical transport by wind and water.

**APPLICATIONS, MARKET DEVELOPMENT AND TRAINING PROGRAMS SOLAR ENERGY PROJECT.** Department of Energy, Office of the Secretary. 1979.

Source: GPO

Intended for teachers at grade levels 7-12 and advanced science students; the following titles are available:

**Teacher's Guide.** 48pp. ill. $2.20 ea. S/N 061-000-00234-1.

**Text.** 102pp. ill. $2.75 ea. S/N 061-000-00233-2.

**SOLAR ENERGY SCHOOL HEATING AUGMENTATION EXPERIMENT, DESIGN, CONSTRUCTION, AND INITIAL OPERATION.** National Science Foundation. 1975. 80pp. ill. $1.45 ea.

Source: NSF

**SOLAR HEATING PROOF-OF-CONCEPT EXPERIMENT FOR A PUBLIC SCHOOL BUILDING.** National Science Foundation. 1975. 84pp. ill. $2.25 ea.

Source: GPO S/N 038-000-00242-2

**STUDY OF ENERGY CONSERVATION POTENTIAL.** Executive Office of the President, Federal Energy Office. 1976.

Source: GPO

**Study Of Energy Conservation Potential In The Baking Industry.** 1976. 263pp. ill. $3.30 ea. S/N 041-018-00117-4. Presents pilot energy audits of five representative bakeries - one large cake plant, one bread and roll plant, one biscuit and cracker plant, and two small retail bakeries. Report includes recommendations for increasing energy efficiency, and suggested system for monitoring energy consumption.

**Study Of Energy Conservation Potential In The Meat Packing Industry.** 1976. 277pp. $3.40 ea. S/N 041-018-00118-2. Presents five case studies of representative plants in the meat packing industry. Each case study includes a summary of the plant's energy audit, recommendations on increasing energy efficiency through different time frames, a suggested reporting and monitoring system for tracking energy consumption, and illustrative appendices and attachments.

**SOLAR ENERGY PROJECT.** Department of Energy, Office of the Secretary.

Source: GPO

Educators can be instrumental in helping with our nation's energy future by teaching our young adults about the potential of solar energy. These books comprise a program that is designed to help teachers meet this objective. The project contains numerous activities on the topic of solar energy to be used with students in grades 7-12. For convenience each volume is punched to fit a 3 ring binder. The following are available:

**Biology.** One activity will show students a way to use some of the solar energy stored in plants to produce heat. Others will enable students to estimate their family's annual energy needs, to convert waste into fuels, and to compare the cost of using wood, oil, coal, natural gas, and electricity to produce heat. 1979. 35pp. ill. $1.70 ea. S/N 061-000-00230-8.

**Chemistry And Physics.** How many light bulbs do you think would have to be turned on to equal the energy produced by the sun? One of the activities in this book compares the sun's energy to the energy of a 100-watt light bulb. Other activities include: constructing a flat plate air flow solar collector, measuring energy from the sun, measuring the heat of a

solar collector, and examining the effects of surface heating. 1979. 74pp. ill. $2.20 ea. S/N 061-000-00229-4.

**Earth Science.** Building a solar still, constructing and calibrating a solar thermometer, detecting solar energy, and constructing a simple greenhouse are some of the activities covered in this volume. 1979. 91pp. ill. $2.75 ea. S/N 061-000-00231-6.

**Reader.** Provides both teachers and students with the opportunity to review a variety of representative articles on solar energy, with consideration of the sun's role in man's past, present, and future. The state-of-the-art of solar technology is examined theoretically, economically, and comparatively in light of the growing need for alternatives in a world of diminishing energy supplies. 1979. 108pp. ill. $2.75 ea. S/N 061-000-00235-9.

**Teacher's Guide.** Includes curriculum outline, background information, and hints on gathering materials. Contains diagrams and descriptions to construct a variety of instruments that measure, concentrate, or convert solar radiation. 1979. 48pp. ill. $2.20 ea. S/N 061-000-00234-1.

**Text.** The text is a compilation of background information for teachers who wish to obtain some technical information in the area of solar energy. Contains 20 sections dealing with topics ranging from the sun's composition to the legal implications of using solar energy. 1979. 102pp. ill. $2.75 ea. S/N 061-000-00233-2.

**BUYING SOLAR.** Executive Office of the President, Federal Energy Office. 71pp. ill. $1.85 ea.

Source: GPO S/N 041-018-00120-4

Solar energy for your home is here. Whether it will help you by producing real savings depends upon a number of factors, including where you live, the type of home you have or intend to build, the quality of insulation in your home, your present energy costs, and the type of solar system you purchase. Gives you information on these five factors so that you, as an informed customer, can make decisions on solar energy that are in your best interests.

**COAL MINING.** Booklet. Department of the Interior, Mining Enforcement and Safety Administration. 1975. 40pp. ill. $0.50 ea.

Source: GPO S/N 024-019-00011-0

This booklet deals with the origin, description, mining, processing, transportation and use of coal. It is designed to acquaint the reader with a broad knowledge of one of America's chief energy resources.

**THE POTENTIAL FOR ENERGY CONSERVATION IN SELECTED INDUSTRIES.** Executive Office of the President, Federal Energy Office. 1975.

Source: GPO

A well researched study that provides basic data on energy consumption in industry and identifies opportunities for energy conservation. These opportunities are given a cost and policy analysis to determine how they can best be turned into energy savings. The following topics are available:

**Aluminum.** 122pp. ill. $1.90 ea. S/N 041-018-00067-4.
**Cement.** 122pp. ill. $1.90 ea. S/N 041-018-00063-1.
**Copper.** 127pp. ill. $1.90 ea. S/N 041-018-00061-5.
**Energy Management Case Histories.** 15pp. $0.70 ea. S/N 041-018- 00062-3.
**Glass.** 139pp. ill. $1.95 ea. S/N 041-018-00069-1.
**Selected Paper Products.** 139pp. ill. $2.25 ea. S/N 041-018-00070-4.
**Selected Plastics.** 144pp. ill. $2.80 ea. S/N 041-018-00064-0.
**Steel.** 144pp. ill. $2.05 ea. S/N 041-018-00068-2.
**Styrene Butadiene Rubber.** 133pp. ill. $2.00 ea. S/N 041-018-00071-2.

**DEPARTMENT OF ENERGY PROGRAMS AND OBJECTIVES: ENERGY CONSERVATION IN AGRICULTURAL PRODUCTION.** Department of Energy, Office of the Secretary. 1977. 39pp. $1.60 ea.

Source: GPO S/N 061-000-00021-6

**ELECTRIC ENERGY NETWORK: CROSS MATCHING AND INTERGRATING ENERGY SOURCES AND USES.** Department of Energy, Office of the Secretary 1978. 15pp. ill. $1.00 ea.

Source: GPO S/N 061-000-00132-8

**ENERGY CONSERVATION IN THE CEMENT INDUSTRY.** Executive Office of the President, Federal Energy Office. 1975. 22pp. ill. $1.10 ea.

Source: GPO S/N 041-018-00095-0

**ENERGY CONSERVATION IN THE FOOD SYSTEM, PUBLICATIONS LIST.** Executive Office of the President, Federal Energy Office. 73pp. ill. $1.40 ea.

Source: GPO S/N 041-018-00110-7

**ENERGY EFFICIENCY IN LIGHT-FRAME WOOD CONSTRUCTION.** Department of Agriculture. 1979. 58pp. ill. $2.50 ea.

Source: GPO S/N 001-001-00465-1

**ENERGY, THE ECONOMY AND MASS TRANSIT.** Government Printing Office. 1975. 148pp. ill. $2.00 ea.

Source: GPO S/N 052-003-00132-2

Reviews the relationship of mass transit to energy consumption and to alternative economic conditions. Examines the effect of change in energy prices and supply on transit patronage. Also discusses the potential role of mass transit in stimulating a depressed economy, and how an economy would be affected if mass transit funds were sharply reduced.

**ENERGY USE AND CLIMATE, POSSIBLE EFFECTS OF USING SOLAR ENERGY INSTEAD OF STORED ENERGY.** National Science Foundation. 1975. 53pp. ill. $1.35 ea.

Source: GPO S/N 038-000-00240-6

**ENERGY-WISE HOMEBUYER: A GUIDE TO SELECTING AN ENERGY EFFICIENT HOME.** Department of Housing and Urban Development. 1979. 60pp. ill. $3.00

Source: GPO S/N 023-000-00518-2

**GUIDE TO ENERGY CONSERVATION.** Executive Office of the President, Federal Energy Office. 1977.

Source: GPO

The following titles are available:

**Guide To Energy Conservation For Food Service.** 1977. 74pp. ill. $2.25 ea. S/N 041-018-00127-1.

**Guide To Energy Conservation For Grocery Stores.** 1977. 40pp. ill. $1.90 ea. S/N 041-018-00133-6.

**HOME ENERGY SAVERS' WORKBOOK.** Executive Office of the President, Federal Energy Office. 1977. 29pp. ill. $1.00 ea.

Source: GPO S/N 041-018-00116-6

**IN THE BANK...OR UP THE CHIMNEY? A DOLLARS AND CENTS GUIDE TO ENERGY SAVING HOME IMPROVEMENTS.** Guidebook. Department of Housing and Urban Development. 1977. 76pp. ill. $1.70 ea.

Source: GPO S/N 023-000-00411-9

**INNOVATIVE FINANCING: BANKS AND ENERGY CONSERVATION.** Department of Energy, Office of the Secretary. 1978. 83pp. $3.00 ea.

Source: GPO S/N 061-000-00096-8

Describes the results of a project that examines what commercial banks could do on their own to encourage energy conservation in existing residences.

**MAKING THE MOST OF YOUR ENERGY DOLLARS IN HOME HEATING AND COOLING.** Booklet. Department of Commerce, National Bureau of Standards. 1975. 17pp. ill. $0.70 ea.

Source: GPO S/N 003-003-01446-0

This booklet tells you, for your climate and the type of energy used to heat and cool your house, what combinations of energy conservation improvements to invest in to get the largest long run net savings in your heating and cooling bills. It also gives you general information you should have before you invest in any energy conservation improvements. This includes tips about storm windows and doors, weather stripping, moisture control, and insulating attics, walls, and floors.

**NATIONAL SOLAR ENERGY EDUCATION DIRECTORY: FIRST EDITION.** Department of Energy, Office of the Secretary. 1979. 279pp. $5.50 ea.

Source: GPO S/N 061-000-00368-1

Presents the results of a nationwide survey conducted to obtain a data base of all solar energy-related programs and courses currently being offered by our nation's post-secondary educational institutions. Contains entries for nearly 7600 institutions which are listed alphabetically by state. Each entry includes detailed course and curriculum information.

**PROJECT RETRO-TECH.** Department of Energy, Office of the Secretary. 1978.

Source: GPO

These volumes are included in the series:

**Home Weatherization Charts.** 52pp. ill. $2.10 ea. S/N 061-000- 00156-5. A reprint of Federal Energy Administration conservation paper number 28D.

**Home Weatherization Instructor's Guide.** 55pp. ill. $2.10 ea. S/N 061-000-00153-1.

**Home Weatherization Job Book.** 15pp. ill. $0.90 ea. S/N 061-000- 00154-9.

**RESIDENTIAL ENERGY CONSERVATION.** Government Printing Office. 1979. 355pp. ill. $7.00 ea.

Source: GPO S/N 052-003-00691-0

**RESOURCES FILE: PRACTICAL PUBLICATIONS FOR ENERGY MANAGEMENT, A REFERENCE GUIDE TO HANDBOOKS, CURRICULA AND AUDIOVISUAL MATERIALS.** Department of Energy, Office of the Secretary. 371pp. ill. $5.50 ea.

Source: GPO S/N 061-000-00049-6

**SELLING THE SOLAR HOME: SOME PRELIMINARY FINDINGS.** Department of Housing and Urban Development. Government Printing Office. 1978. 38pp. $1.60 ea.

Source: GPO S/N 023-000-00444-5

Discusses the marketing approaches utilized in market experiences of the Department of Housing and Urban Development's demonstration program. Also summarizes some of the preliminary findings emerging from interviews of actual participants in the residential solar marketplace.

**TECHNOLOGICAL ASSESSMENT OF RESIDENTIAL ENERGY CONSERVATION INNOVATIONS.** Department of Housing and Urban Development. 1975. 204pp. ill. $3.10 ea.

Source: GPO S/N 023-000-00309-1

This study examines the benefits of selected technical innovations intended to reduce residential energy consumption. Such innovations as storm doors, a furnace energy recovery device, and an open air cycle air conditioning system are analyzed.

**TELECOMMUNICATIONS SUBSTITUTABILITY FOR TRAVEL: AN ENERGY CONSERVATION POTENTIAL.** Department of Commerce. 1975. 96pp. ill. $1.75 ea.

Source: GPO S/N 003-000-00466-0

Ever since the energy crisis of 1973, there has been growing interest in the development of means to conserve some of the energy consumed by transportation. This book discusses whether telecommunications is a viable substitute for the information-handling activities of the transportation industry.

**BUILDING THE SOLAR HOME: SOME EARLY LESSONS LEARNED.** Booklet. Department of Housing and Urban Development. 1978. 36pp. ill. $1.70 ea.

Source: GPO S/N 023-000-00455-1

This booklet summarizes and reports the problems that have arisen in solar projects sponsored by the Department of Housing and Urban Development. Areas covered include difficulties in the design, calculations, and various components of the many active and passive systems built and evaluated for the program.

**WOOD AS A FUEL.** Pamphlet. Department of Agriculture, Forest Service. 1979. 9pp. ill. $0.80 ea.

Source: GPO S/N 001-001-00449-9

**GOOD PRACTICE MANUAL FOR INSULATION INSTALLERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 35pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00236-3

Shows insulation installers how to minimize health and safety hazards to which they are occupationally exposed.

**TECHNOLOGICAL CHANGE AND ITS LABOR IMPACT IN FIVE ENERGY INDUSTRIES: COAL**

**MINING; OIL AND GAS EXTRACTION; PETROLEUM REFINING; PETROLEUM PIPELINE TRANSPORTATION; ELECTRIC AND GAS UTILITIES.** Department of Labor, Bureau of Statisitcs. 1979. 64pp. ill. $2.40 ea.

Source: GPO S/N 029-001-02302-2

Appraises major technological changes emerging in coal mining, oil and gas extraction, petroleum refining, petroleum pipeline transportation, and electric and gas utilities industries; and discusses their present and potential impact on productivity and occupations.

**WASTE HEAT MANAGEMENT - ENERGY UTILIZATION FOR PROFIT.** 26 min., 16MM Film, Opt. Sd., Col. 1976.

Source: GSA/NAC Title No. 008729/RR

Shows how waste heat from various industrial processes can be captured and reused to help cut industrial fuel bills and thereby increase profits, while helping to conserve the nation's energy supply. Also shows several waste heat recovery systems and techniques. Discusses how the industry spokesman's waste management programs have permitted them to maintain productivity with less fuel in the face of rapidly rising energy prices and a growing scarcity of fossil fuels. From the industrial energy conservation series. Cleared for T.V.

**GASOLINE: MORE MILES PER GALLON.** Booklet. Department of Transportation, Office of Public and Consumer Affairs. Rev. 1977. 9pp.

Source: GSA/CIC

This booklet is designed to help the consumer understand how gasoline produces power and how to select the proper grade of gasoline. Some practical tips for obtaining better mileage are also included.

**NUCLEAR ENERGY RESOURCES: A GEOLOGIC PERSPECTIVE.** Handbook. Department of the Interior, Geological Survey. Government Printing Office. 1978. 15pp. ill.

Source: GPO S/N 024-001-03101-9

Discusses the exploration and use of resources needed to produce nuclear power.

**TOTAL ENERGY MANAGEMENT FOR HOSPITALS.** HRA78-613. Handbook. Department of Health, Education, and Welfare, Health Resources Administration. 1978.

Source: HEW/HRA

This handbook offers step-by-step guidance to establishing and operating an energy program in the Nation's hospitals.

**TOTAL ENERGY MANAGEMENT FOR NURSING HOMES AND OTHER LONG-TERM CARE INSTITUTIONS.** HRA78-614. Handbook. Department of Health, Education, and Welfare, Health Resources Administration. 1978.

Source: HEW/HRA

This handbook offers step-by-step guidance to nursing homes and other long term care institutions in establishing and operating an energy program to promote conservation and cost containment.

**SOLAR ENERGY FOR HEALTH CARE INSTITUTIONS.** HRA78-618. Booklet. Department of Health, Education, and Welfare, Health Resources Administration. 1978.

Source: HEW/HRA

This booklet is designed to help health institutions begin the transition from energy derived from fossil fuels, to energy derived from the sun. Decribes solar collectors -- their functions and applications; discusses costs and possible cost-savings over a 30- year period; and gives pointers on getting ready to convert to solar energy.

**ENERGY MANAGEMENT: THE GAME EVERYBODY WINS.** HRA78-621. Leaflet. Department of Health, Education, and Welfare, Health Resources Adminstration. 1978.

Source: HEW/HRA

This leaflet provides a step-by-step check list of how to mount an energy management program. It is intended for engineers and management staffs in health care facilities.

**SOME PERSPECTIVES ON ENERGY CONSERVATION OUTREACH PROGRAMS.** Department of Energy, Office of the Secretary. 1978. 91pp. $2.75 ea.

Source: GPO S/N 061-000-00197-2

Contains a summary of major government and private sector sponsored energy conservation outreach activities in the 10 Department of Energy Extension Service Pilot States for fiscal year 1978.

**ENERGY EDUCATION MATERIALS INVENTORY: AN ANNOTATED BIBLIOGRAPHY OF CURRENTLY AVAILABLE MATERIALS, K-12.** Department of Energy, Office of Education, Business and Labor Affairs.

Source: GPO. Also available from NTIS.

This systematic listing is designed to facilitate access to energy educational resources and hasten the inclusion of energy-focused learning experiences in kindergarten through grade 12. It contains nearly 2,000 annotated items organized and cross-indexed by media grade level, and subject; it lists and describes audiovisuals, and instructional material, activity packages and information sources. The following volumes are available:

**Volume 1, Energy Education Materials Inventory.** 1978. 293pp. GPO Stock No. 061-000-00183-2, $5.25 ea.

**Volume 2, Energy & Education Materials Inventory.** 1979. 443pp. GPO Stock No. 061-000-00341-0, $8.00 ea.; NTIS: Printed Copy $14.50 ea., Microfiche $3.00 ea.

**RETROFITTING AN EXISTING WOOD-FRAME RESIDENCE FOR ENERGY CONSERVATION -AN EXPERIMENTAL STUDY.** 1978. Department of Commerce, National Bureau of Standards. 73pp. ill. $3.25 ea.

Source: GPO S/N 003-003-01885-6

Describes a study in which a wood frame house was retrofitted in three stages to reduce the energy used for heating and cooling.

**REGIONAL GUIDELINES FOR BUILDING PASSIVE ENERGY CONSERVING HOMES.** Department of Housing and Urban Development. 1978. 312pp. ill. $5.25 ea.

Source: GPO S/N 023-000-00481-0

Filled with information that will be of value to energy-conscious home builders and home owners alike.

**WIND MACHINES.** Booklet. National Science Foundation. 1976. 77pp. ill. $2.25 ea.

Source: GPO S/N 038-000-00272-4

Provides a brief survey of the viability, history, classification, and future potential of various types and sizes of wind machines that might be used to help meet future U. S. energy demands.

**SOLAR DWELLING DESIGN CONCEPTS.** Resource Book. Department of Housing and Urban Development. 1978. 146pp. ill. $2.30 ea.

Source: GPO S/N 023-000-00334-1

This general resource book is intended for use by designers, home builders, community leaders, local officials and homeowners who are interested in the application of solar heating and cooling to residential structures or are considering participating in the federal solar energy program. Provides background information, a concise report on existing solar dwellings and systems, and list of design considerations and numerous dwelling and site design concepts which are responsive to factors such as regional housing preferences, solar energy systems and local climates and terrains.

**THE SEEDS OF TOMORROW.** 2 Cassettes: C-90; 15/16 IPS. 4 Track. RC. Ben Bova. Library of Congress, National Library for the Blind and Physically Handicapped. 1978.

Source: LC/NLSBPH RC 12156

A well-known science fiction writer explores problems that must be solved today to insure a tomorrow. He considers population growth, food and fuel supplies, the information and automation revolution, outer space, and the new biology. For junior and senior high readers.

**SOLAR ENERGY EDUCATION BIBLIOGRAPHY.** Office of Education, Energy and Education Action Center. Government Printing Office. 1979. 39pp.

Source: GPO

This publication contains a comprehensive listing of solar energy education materials prepared for the information and convenience of teachers, librarians, students and others. The materials are available on the elementary, secondary and college level and include audio-visual and printed material.

**SELECTED PUBLICATIONS ON ENERGY.** Department of Energy, Office of Legislative Affairs. 1979. 3pp.

Source: DOE/PA

This publication contains a listing of books, pamphlets, curriculum guides, posters, and stickers on energy efficiency for teachers, students and consumers.

**AWARD WINNING ENERGY EDUCATION ACTIVITIES FOR ELEMENTARY AND HIGH SCHOOL TEACHERS.** DOE/1R-0015-1. Department of Energy, Assistant Secretary for Intergovernmental and Institutional Relations. Government Printing Office. 1979. 38pp. ill.

Source: DOE/TIC.

This booklet contains brief descriptions of winning entries to the Teacher Participation Contest conducted in Spring 1976 by the National Science Teachers Association.

**27 ENERGY FILMS - 16MM COLOR.** DOE/OPA-0034. Department of Energy, Office of Public Affairs. Government Printing Office. 1978. 20pp. ill.

Source: DOE/PA

This publication is a selected list of 27 popular energy-related films in 11 categories: coal, conservation, environment, fusion, general, geothermal, history, nuclear, solar, space, and transportation.

**ENERGY FILMS INTERIM CATALOG.** Department of Energy, Office of Public Affairs. 1978. 35pp.

Source: DOE/PA

This catalog lists 92 motion pictures on many energy subjects and related activities and are available for elementary, high school and college understanding levels. All of these films are available for free loan.

**SELECTED DEPARTMENT OF ENERGY PUBLICATIONS.** Department of Energy, Office of Public Affairs. Government Printing Office. 1978. 20pp.

Source: DOE/PA

An annotated listing of pamphlets, guides, and curriculum materials on various energy topics. For students, teachers and consumers.

**AN INTRODUCTION TO DOE PROCUREMENT.** DOE/PR-0012/1. Department of Energy, Procurement and Contracts Management Directorate. Government Printing Office. 1978. 31pp. ill.

Source: DOE/PA

This booklet offers the prospective contractor general information on the Department of Energy including its purpose, DOE Headquarters organization and field organization, the procurement process, and major buying offices.

**ENERGY-RELATED ACTIVITIES IN TWO-YEAR POST-SECONDARY VOCATIONAL TECHNICAL INSTITUTIONS: A REPRESENTATIVE SAMPLING BY STATE.** DOE/IR 0050. Mayme R. Crowell. Department of Energy, Office of Education, Business and Labor Affairs. 1978. 87pp.

Source: DOE/IIR

This report describes the procedures and findings of a peer-to-peer telephone information exchange between the Education Programs Division and various vocational-technical schools throughout the U. S. The purpose of the study was to assess the state of the art of energy education activities within 2-year post-secondary education institutions.

**CITIZEN'S WORKSHOPS ON ENERGY AND THE ENVIRONMENT HANDBOOK.** DOE/OPA- 0023(3-78). Department of Energy, Office of Public Affairs. 1978. 32pp. ill.

Source: DOE/PA

This booklet gives a brief description of the citizen's workshops that are designed to acquaint the public with the complexities of the energy-environment situation.

**ENERGY EDUCATION WORKSHOP HANDBOOK, A GUIDE TO MATERIALS BY THE PROJECT FOR AN ENERGY-ENRICHED CURRICULUM.** DOE/TID/3841-11. Helen H. Carey, Ed. Department of Energy, Office of Education, Business and Labor Affairs. 1979. 81pp. ill.

Source: DOE/TIC

This handbook is designed to help teachers, supervisors, clubleaders, and in-service directors lead workshops in energy education. It includes lesson plans, models for workshops and planning aids for the interdisciplinary nature of energy.

**INTERDISCIPLINARY STUDENT/TEACHER MATERIALS IN ENERGY, THE ENVIRONMENT, AND THE ECONOMY.** Department of Energy, Technical Information Center.

Source: DOE/TIC.

These teacher manuals contain lesson plans that primarily focus on fundamental energy problems and questions on various subjects such as food production, U. S. energy

policy, global interdependence, western coal, and energy bills.

**Agriculture, Energy, And Society - Grades 10, 11, 12.** HCP/U3841-17. 1978. 109pp.

**U.S. Energy Policy - Which Direction? Grades 11-12.** HCP/U3841-03. 1979. 134pp. ill.

**Energy In The Global Marketplace - Grades 11-12.** HCP/U3841-0007. 1978. 69pp. ill.

**How A Bill Becomes A Law To Conserve Energy - Grades 9, 11, 12.** HCP/U3841-10. 1979. 115pp. ill. $6.50 ea. Also available from NTIS.

**Western Coal: Boom Or Bust? - Grades 9-11.** HCP/U3841-10. 1979. 73pp. ill.

**SCIENCE ACTIVITIES IN ENERGY.** Department of Energy, Technical Information Service. Government Printing Office. 1979.

Source: DOE/TIC

A series of simple yet revealing experiments that were developed by the American Museum of Atomic Energy especially for elementary grades but can also be useful in community programs. The purpose of the series is to illustrate certain principles and problems related to various forms of energy and to their development, use, and conservation. Wallchart included.

**ACTIVITIES OF THE DEPARTMENT OF ENERGY IN EDUCATION.** EOE/IR-0038. Department of Energy, Office of Education, Business and Labor Affairs. 1979. 16pp. $4.00 ea.

Source: NTIS

This report describes the various programs the Department of Energy administers in which education and training play a significant role.

**RECYCLED ASPHALT CONCRETE - BY RMI SYSTEMS.** 17 min., 16MM Film, Opt. Sd., Col. 1975. Sale $98.50

Source: GSA/NAC Title No. 009708/PF

Documents the experimental reconstruction of a 1-mile section of interstate highway in Nevada where the 4-inch deteriorated asphalt pavement was recycled. Shows how to break up old pavement, haul to crusher, crush, heat, and mix in flue-filled rotating dryer, add additional asphalt and softening agent, haul back to original site, and place with conventional equipment. Discusses the benefits of energy conservation. Benefits are energy savings, work performed on job site within right-of-way, low emissions, conserving natural resources, and correction of original base deficiencies and less cost.

**ENERGY - A FAMILY ALBUM.** 9 min., 16MM Film, Opt. Sd., Col. 1977. Sale $52.25

Source: GSA/NAC Title No. 010435/PF

Presents a history of energy in America. Details the nation's plan to keep ahead of energy demands. Also discusses alternate sources of energy such as geothermal and solar energy. Cleared for TV.

**TIPS FOR ENERGY SAVERS.** DOE/OPA 0037. Booklet. Department of Energy, Office of Public Affairs. 1979. 29pp.

Source: GPO

Provides suggestions to be used as tools to curb energy demand and to lower energy costs.

**ENERGY AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. Government Printing Office. 1979. 26pp.

Source: EPA/PA

Reprinted from the April, 1979 issue of *EPA Journal.*

**A LIST OF AUDIOVISUAL MATERIALS PRODUCED BY THE UNITED STATES GOVERNMENT FOR ENVIRONMENT AND ENERGY CONSERVATION.** General Services Administration, National Audiovisual Center. 17pp.

Source: GSA/NAC

## ENVIRONMENTAL TECHNOLOGY

**INVESTIGATING YOUR ENVIRONMENT: TEACHING MATERIALS FOR ENVIRONMENTAL EDUCATION.** Department of Agriculture, Forest Service. 1978. $4.50 ea.

Source: GPO S/N 001-001-00446-4

Lesson plans to help the student develop the skills and motivation to interact with the environment at different levels. The following lesson plans are included: A Process and Problem Solving Approach to Environmental Education, Soil Investigation, Some Water Investigations, Some Forest Investigations, Investigating Some Animals and their Environment, A Land Use Simulation, Investigating the Human Community, and Developing Environmental Investigations.

**ALL AROUND YOU, AN ENVIRONMENTAL STUDY GUIDE.** Department of the Interior, Bureau of Land Management. 1975. 177pp. ill. $2.65 ea.

Source: GPO S/N 024-011-00043-7

**A BETTER PLACE TO BE, A GUIDE TO ENVIRONMENTAL LEARNING IN YOUR CLASSROOM.** Department of the Interior. 1975. 39pp. ill. $1.25 ea.

Source: GPO S/N 024-000-00805-3

**CARCINOGENS IN THE ENVIRONMENT.** Executive Office of the President, Council on Environmental Quality. 1976. 42pp. ill. $0.75 ea.

Source: GPO S/N 041-011-00030-1

**COMMON ENVIRONMENTAL TERMS, A GLOSSARY.** Environmental Protection Agency. 1977. 16pp. $1.60 ea.

Source: GPO S/N 055-000-00163-4

A non-technical glossary of common environmental terminology.

**CONSERVATION YEARBOOK.** Department of the Interior.

Source: GPO

Of the series, these three yearbooks discuss various environmental issues of concern to the American people and tell how agencies of the Department of the Interior are dealing with those issues. Each yearbook contains beautiful color photographs of American scenery.

**America Two Hundred Years, The Legacy of Our Land.** 1976. 150pp. ill. $5.55 ea. S/N 024-000-00820-7.

**Living with Our Environment.** 1978. $3.75 ea. S/N 024-000-00845-2.

**The Population Challenge, What It Means to America.** 1976. 80pp. ill. $2.70 ea. S/N 024-000-00444-9.

**EFFECTS OF MAN'S ACTIVITIES ON THE MARINE ENVIRONMENT.** United States Congress. 1975. 135pp. $1.55 ea.

Source: GPO S/N 052-070-02866-1

This report describes the major aspects of ocean pollution. Appendices include the recommendations of the U. S. Conference on the Human Environment and recently drafted international conventions on the dumping of wastes and the prevention of pollution from ships.

**ENVIRONMENTAL SCIENTISTS AND CONSERVATION OCCUPATIONS.** Department of Labor, Bureau of Labor Statistics. 1978. 18pp. ill. $0.50 ea.

Source: GPO S/N 029-001-02086-4

This publication gives the employment outlook for conservation occupations, foresters, forestry technicians, range managers, soft conservationalists, environmental scientists, geologists, geophysicists, meterologists, oceanographers.

**LAND USE FORMS AND THE ENVIRONMENT, AN EXECUTIVE SUMMARY.** Environmental Protection Agency, Water Programs Operations Office. 1975. 36pp. ill. $1.00 ea.

Source: GPO S/N 055-001-0-01003-6

**102 MONITOR.** Monthly Periodical. Government Printing Office. $20.00 per year.

Source: GPO

Contains abstracts of environmental impact statements and legislation of Federal agencies concerning proposed projects of interest.

**POCKETBOOK FOR ENVIRONMENTAL AWARENESS, PEOPLE AND NATURAL RESOURCES.** Department of the Interior. 1975. 130pp. $1.65 ea.

Source: GPO S/N 024-000-00821-5

A pocket-sized collection of projects, investigations and other activities that young conservationists can undertake in the field. Written especially for Youth Conservation Corps staff members and others who work with YCC programs.

**URBAN ECOLOGY SERIES...THE URBAN ECOSYSTEM.** Department of the Interior, National Park Service.

Source: GPO

**The City As A Biological Community.** 1974. Reprinted 1976. 13pp. ill. $0.45 ea. S/N 024-005-00555-2.

**The City As A Park.** 1975. Reprinted 1978. 20pp. ill. $1.00 ea. S/N 024-005-00623-1.

**Ecological Engineering Of The City.** 1977. 36pp. ill. $1.60 ea. S/N 024-005-00686-9.

**Man, Nature, City.** 1971. Reprinted 1978. 20pp. ill. $1.10 ea. S/N 024-005-00280-4.

**The River In The City.** 1973. Reprinted 1978. 20pp. ill. $1.20 ea. S/N 024-005-00531-5.

**Technology Assessment In The City.** 1976. 20pp. ill. $0.35 ea. S/N 005-00630-3.

**SELLING THE SOLAR HOME: SOME PRELIMINARY FINDINGS.** Department of Housing and Urban Development. 1978. 37pp. $1.60 ea.

Source: GPO S/N 023-000-00444-5

Examines factors which influence the construction and sale of solar homes in local markets under the Residential Solar Heating and Cooling Demonstration Program.

**SOLAR MARKET: PROCEEDINGS OF THE SYMPOSIUM ON COMPETITION IN THE SOLAR ENERGY INDUSTRY.** Federal Trade Commission. 1978. 299pp. ill. $5.25 ea.

Source: GPO S/N 018-000-00216-7

**PROTECTING CROPS AND THE ENVIRONMENT, FINDING SAFER WAYS TO CONTROL WEED, DISEASES AND NEMATODES.** Department of Agriculture. 1975. 28pp. ill. $1.10 ea.

Source: GPO S/N 001-000-03238-1

**SOIL AND SEPTIC TANKS.** Department of Agriculture. 1971. Reprinted 1978. 12pp. ill. $0.80 ea.

Source: GPO S/N 001-000-01023-9

**TREATING FARMSTEAD AND RURAL HOME WATER SYSTEMS.** Department of Agriculture. 1977. 16pp. ill. $0.35 ea.

Source: GPO S/N 001-000-03558-4

**LEARNING ABOUT THE ENVIRONMENT.** Booklet. Department of the Interior, Bureau of Land Management. 1979. 17pp. ill. $1.00 ea.

Source: GPO S/N 024-011-00103-4

This booklet describes and illustrates what is meant by the terms ecology, environment, conservation, and pollution, and discusses the relationship that plants, animals, and people have with each other and the environment. This publication is suitable for classroom use by a variety of grade levels.

**OIL AND GAS IN COASTAL LANDS AND WATERS.** Guidebook. President of the United States. 1977. 153pp. ill. $2.75 ea.

Source: GPO S/N 040-000-00386-0

A citizen's guide to the issues surrounding the ecological hazards of offshore oil and gas production and transportation. In non- technical language, the dangers to our seas and waterways are weighed against the realities of current technology and energy dependence. An invaluable aid to citizens and coastal communities in formulating a plan that allows for adequate energy with the smallest feasible risk to sensitive coastal environments.

**PREDICTING RAINFALL EROSION LOSSES: A GUIDE TO CONSERVATION PLANNING.** Agriculture Handbook No. 537. Walter H. Wischmeier and Dwight D. Smith. Department of Agriculture, Science and Education Administration. 1978. 58pp. $4.00 ea.

Source: GPO S/N 001-000-03903-2

Contains statistics, charts and diagrams for demonstration purposes.

**HOW TREES HELP CLEAN THE AIR.** Agriculture Information Bulletin No. 412. Department of Agriculture, Forest Service. Government Printing Office. 1977. 10pp.

Source: GPO S/N 001-000-03746-3. Also available from UDSA/GPA.

Discusses the relationship between air pollution and forest vegetation and the atmospheric benefits trees provide.

**THE U. S. FISH AND WHO?** Booklet. Linda Dungan Morse. Department of the Interior, Fish and Wildlife Service. Government Printing Office. 1977. 14pp. ill. $0.90 ea.

Source: GPO S/N 024-010-00435-5

This booklet was written for those whose projects or business may disrupt natural wildlife, and tells how one can pursue the project or business without harming the environment.

**OUR NATION'S WETLANDS.** Reference Book. Elinor Lander Horwitz. Executive Office of The President, Council on Environmental Quality. 1978. 70pp. ill. $3.50 ea.

Source: GPO S/N 041-011-00045-9

This study was made by Executive Order for the purpose of protecting natural wetlands from careless destruction arising from unwise land use. Contains four appendices.

**SELECTED U. S. GOVERNMENT AUDIOVISUALS: ENGINEERING.** Catalog. General Services Administration, National Audiovisual Center. 1977. Approx. 20pp.

Source: GSA/NAC

This catalog lists audiovisual materials on engineering available from the National Audiovisual Center. The materials cover civil, mechanical, general, nuclear, environmental, marine and industrial engineering.

**EARTHQUAKES.** Booklet. Department of the Interior, Geological Survey. Government Printing Office. 1979. 19pp. ill.

Source: GPO S/N 024-001-02031-9

This booklet discusses the phenomenon of earthquakes, their nature and history.

**NATIONAL HANDBOOK OF CONSERVATION PRACTICES.** Department of Agriculture, Soil Conservation Service. 1978. 278pp. $6.00 ea.

Source: GPO S/N 001-007-00903-1

The handbook establishes official names, definitions, national standards and specifications, or guides to specifications, for soil and water conservation programs. These standards are based on research, field trials, and experience.

**SLUDGE HANDLING AND CONDITIONING: OPERATIONS MANUAL.** Guidebook. Government Printing Office. 1978. 360pp. ill. $5.75 ea.

Source: GPO S/N 055-002-00167-0

Provides guidance in the proper operation and maintenance of various sludge processing, conditioning, and disposal systems at wastewater treatment plants.

**WELLS CONSTRUCTION: HAND DUG AND HAND DRILLED.** Richard E. Brush. Peace Corps Information Collection and Exchange. Government Printing Office. 1979. 282pp. ill.

Source: ACTION

This manual is intended for use by development workers involved in the construction of wells to supply water to a local population for personal consumption. Includes step by step plans, and outlines construction materials and techniques to be used where skills may be limited.

**GLOSSARY OF ENVIRONMENTAL TERMS, SPANISH-ENGLISH, ENGLISH-SPANISH.** Program and Training Journal Reprint Series No. 17. Peace Corps Information Collection and Exchange. 1977. 202pp. $10.75 ea.

Source: ACTION

Contains terms used for discussion and for work related to the environment.

**THE SEEDS OF TOMORROW.** 2 Cassettes: C-90; 15/16 IPS. 4 Track. RC. Ben Bova. Library of Congress, National Library for the Blind and Physically Handicapped. 1978.

Source: LC/NLSBPH RC 12156

A well-known science fiction writer explores problems that must be solved today to insure a tomorrow. He considers population growth, food and fuel supplies, the information and automation revolution, outer space, and the new biology. For junior and senior high readers.

**SOLAR ENERGY EDUCATION BIBLIOGRAPHY.** Office of Education, Energy and Education Action Center. Government Printing Office. 1979. 39pp.

Source: GPO

This publication contains a comprehensive listing of solar energy education materials prepared for the information and convenience of teachers, librarians, students and others. The materials are available on the elementary, secondary and college level and include audio-visual and printed material.

**SELECTED PUBLICATIONS ON ENERGY.** Department of Energy, Office of Legislative Affairs. 1979. 3pp.

Source: DOE/PA

This publication contains a listing of books, pamphlets, curriculum guides, posters, and stickers on energy efficiency for teachers, students and consumers.

**INTERDISCIPLINARY STUDENT/TEACHER MATERIALS IN ENERGY, THE ENVIRONMENT, AND THE ECONOMY.** Department of Energy, Technical Information Center.

Source: DOE/TIC.

These teacher manuals contain lesson plans that primarily focus on fundamental energy problems and questions on various subjects such as food production, U. S. energy policy, global interdependence, western coal, and energy bills.

**Agriculture, Energy, And Society - Grades 10, 11, 12.** HCP/U3841-17. 1978. 109pp.

**U.S. Energy Policy - Which Direction? Grades 11-12.** HCP/U3841-03. 1979. 134pp. ill.

**Energy In The Global Marketplace - Grades 11-12.** HCP/U3841-0007. 1978. 69pp. ill.

**How A Bill Becomes A Law To Conserve Energy - Grades 9, 11, 12.** HCP/U3841-10. 1979. 115pp. ill. $6.50 ea. Also available from NTIS.

**Western Coal: Boom Or Bust? - Grades 9-11.** HCP/U3841-10. 1979. 73pp. ill.

**CLEAN WATER AND THE DAIRY PRODUCTS INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1976. 20pp. Free.

Source: EPA/PIC

This booklet is about the dairy products industry and water pollution; it also explains in non-technical terms how pollution can be controlled.

**TECHNOLOGY AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. 1979. 29pp.

Source: EPA/PA

Reprinted from the September, 1979 issue of *EPA Journal.*

**RECREATION AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. Government Printing Office. 1979. 29pp.

Source: EPA/PA

Reprinted from the June, 1979 issue of *EPA Journal.*

**ENERGY AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. Government Printing Office. 1979. 26pp.

Source: EPA/PA

Reprinted from the April, 1979 issue of *EPA Journal*

**HEALTH AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. Government Printing Office. 1979. 16pp.

Source: EPA/PA

Reprinted from the March, 1979 issue of *EPA Journal.*

**CLEAN WATER AND THE RUBBER PROCESSING INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1977. 16pp. Free.

Source: EPA/PIC

This booklet is about the rubber processing industry and water pollution.

**CLEAN WATER AND THE BEET SUGAR PROCESSING INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1977. 16pp. Free.

Source: EPA/PIC

This booklet is about the beet sugar processing industry and water pollution. It also describes why a few beet sugar processing plants will not be able to comply with pollution control standards.

**CLEAN WATER AND THE CANE SUGAR INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1977. 16pp. Free.

Source: EPA/PIC

This booklet is about the cane sugar industry and water pollution; it explains what the industry must do to keep wastes from polluting the nation's waters.

**PRODUCT OF AMERICAN FORESTS.** Miscellaneous Publication No. 861. Booklet. F. J. Champion. Department of Agriculture, Forest Service. 1975. 28pp. ill. $0.70 ea.

Source: GPO S/N 001-000-03482-1. Also available from USDA/GPA.

This publication deals only with wood and other crops that come directly from trees. It describes the forest material in general groups and points out their many uses.

**A LIST OF AUDIOVISUAL MATERIALS PRODUCED BY THE UNITED STATES GOVERNMENT FOR ENVIRONMENT AND ENERGY CONSERVATION.** General Services Administration, National Audiovisual Center. 17pp.

Source: GSA/NAC

## LIBRARY TECHNOLOGY

**COMPOSITE MARC FORMAT: A TABULAR LISTING OF CONTENT DESIGNATIONS USED IN THE MARC FORMATS.** Library of Congress. 1977. 179pp. $2.50 ea.

Source: GPO S/N 030-000-00089-7

**COMPUTER NETWORK PROTOCOL FOR LIBRARY AND INFORMATION SCIENCE APPLICATIONS.** Government Printing Office. 1977. 90pp. ill. $2.75 ea.

Source: GPO S/N 052-003-00601-4

**EDUCATION AND RELATED OCCUPATIONS.** Department of Labor, Bureau of Labor Statistics. 1978. 17pp. ill. $0.50 ea.

Source: GPO S/N 029-001-02079-1

This publication gives the employment outlook for library occupations, librarians, library technicians, and assistants.

**EFFECTIVE ACCESS TO PERIODICAL LITERATURE, A NATIONAL PROGRAM.** Government Printing Office. 1977. 92pp. ill. $2.50 ea.

Source: GPO S/N 052-003-00353-8

**GPO SALES PUBLICATIONS REFERENCE FILE.** Monthly Periodical. Microfiche (48x). Government Printing Office. $70.00/year.

Source: GPO Symbol PRF

The GPO Sales Publications Reference File (PRF) is a catalog of all publications currently offered for sale by the Superintendent of Documents. The complete master file (approximately 170 fiche) is mailed to subscribers six times a year. A monthly supplement of the PRF called *GPO New Sales Publications* is included with each mailing of the master file and mailed separately in other months. This supplement fiche will contain all the new publications that have entered the active sales inventory the preceeding month.

**INDEX OF NATIONAL LIBRARY OF MEDICINE SERIAL TITLES.** Department of Health, Education, and Welfare, Public Health Service, National Library of Medicine. 1980. $35.00 per set.

Source: GPO S/N 017-052-00208-2

**INTRODUCTION TO MINICOMPUTERS IN FEDERAL LIBRARIES.** Library of Congress. 1978. 155pp. ill. $3.25 ea.

Source: GPO S/N 030-000-00097-8

**LIBRARY MANPOWER, A STUDY OF DEMAND AND SUPPLY.** Department of Labor, Bureau of Labor Statistics. 1975. 94pp. ill. $1.75 ea.

Source: GPO S/N 029-001-01367-1

**LIBRARY OF CONGRESS INFORMATION AND SERVICES, A REPORT.** United States Congress. 1976. 109pp. ill. $1.35 ea.

Source: GPO S/N 052-070-03378-9

**LIBRARY PHOTOCOPYING IN THE UNITED STATES: WITH IMPLICATIONS FOR THE DEVELOPMENT OF A COPYRIGHT ROYALTY PAYMENT MECHANISM.** Government Printing Office. 1977. 251pp. ill. $4.50 ea.

Source: GPO S/N 052-003-00443-7

Also available: Summary to above, 1977. 13pp. ill. $1.00 ea. S/N 052-003-00498-4.

**MONTHLY CATALOG OF UNITED STATES GOVERNMENT PUBLICATIONS.** Government Printing Office. Monthly Periodical. $55.00/year.

Source: GPO Symbol MC

Lists the publications (printed and processed) issued during each month. It includes the publications sold by the Superintendent of Documents, those for official use, and those which are sent to Depository Libraries.

**MONTHLY CHECKLIST OF STATE PUBLICATIONS.** Government Printing Office. $21.90/year.

Source: GPO Symbol MCSP

Records those documents and publications issued by the various states and received in the Library of Congress.

**NATIONAL INVENTORY OF LIBRARY NEEDS, 1975, RESOURCES NEEDED FOR PUBLIC AND ACADEMIC LIBRARIES AND PUBLIC SCHOOL LIBRARY/MEDIA CENTERS.** Government Printing Office. 1977. 277pp. ill. $3.60 ea.

Source: GPO S/N 052-003-00328-7

**NATIONAL LIBRARY OF MEDICINE CLASSIFICATION: A SCHEME FOR THE SHELF ARRANGEMENT OF BOOKS IN THE FIELD OF MEDICINE AND ITS RELATED SCIENCES.** Department of Health, Education, and Welfare, Public Health Service, National Library of Medicine. Revised 1978. 390pp. $9.50 ea.

Source: HEW/PHS

**NEWSPAPERS RECEIVED CURRENTLY IN THE LIBRARY OF CONGRESS, 1978.** Library of Congress, Serial Division. 1978. 47pp. $2.30 ea.

Source: GPO S/N 030-005-00009-1

**OUR NATION'S LIBRARIES: AN INVENTORY OF RESOURCES AND NEEDS.** Government Printing Office. 1978. 16pp. ill. $1.20 ea.

Source: GPO S/N 052-003-00595-6

**POPULAR NAMES OF UNITED STATES GOVERNMENT REPORTS, A CATALOG.** Library of Congress, Serial Division. 1976. 263pp. $6.50 ea.

Source: GPO S/N 030-005-00007-4

**QUARTERLY JOURNAL OF THE LIBRARY OF CONGRESS.** Periodical. Government Printing Office. $9.00/year

Source: GPO Symbol QJLC

Presents pertinent articles describing important acquisitions of the Library of Congress.

**ROLE OF THE LIBRARY OF CONGRESS IN THE EVOLVING NATIONAL NETWORK.** Library of Congress. 1979. $3.25 ea.

Source: GPO S/N 030-000-00102-8

**ROLE OF THE SCHOOL LIBRARY MEDIA PROGRAM IN NETWORKING.** Government Printing Office. 1979. $2.75 ea.

Source: GPO S/N 052-003-00622-7

**SERIALS CURRENTLY RECEIVED BY THE NATIONAL AGRICULTURAL LIBRARY, 1975, A KEYWORD INDEX.** Department of Agriculture, National Agricultural Library. 1976. $15.00 ea.

Source: GPO S/N 001-002-00076-7

**TOWARD A NATIONAL PROGRAM FOR LIBRARY AND INFORMATION SERVICES, GOALS FOR ACTION.** Government Printing Office. 1975. 106pp. $1.90 ea.

Source: GPO S/N 052-003-00086-5

**YOUR LIBRARY, NEIGHBORHOOD OMBUDSMAN.** Department of Health, Education, and Welfare, Office of Education. 1976. 8pp. $0.35 ea.

Source: HEW/OE

**AIDS TO MEDIA SELECTION FOR STUDENTS AND TEACHERS.** Department of Health, Education, and Welfare, Office of Education. Revised 1976. 128pp. $2.00 ea.

Source: GPO S/N 017-080-01563-3

This edition of *Aids to Media,* which revises and combines the 1971 edition and its supplements, is a selected list of bibliographies and journals that review books, periodicals, and audiovisual materials of relevance for elementary and secondary school instructional programs.

**Bibliography Series.** Library of Congress, National Library Service for the Blind and Physically Handicapped.

Source: LC/NLSBPH

The following bibliographies are available:

**Accessibility; Designing Buildings For The Needs Of Handicapped Persons.** Report No. 79-2. 1979. 17pp.
**Closed Circuit Television Reading Devices For The Visually Handicapped.** Report No. 79-3. 1979. 3pp.
**Library Service To Handicapped Persons.** 1978.
**Reading Machines For The Blind.** 1978.

**ACCESS - A SERIES.** 16 3/4 in. Videocassettes. 1976. Sale $1,035.00.

Source: GSA/NAC Title No. 008391

Gives ideas and information on topics of current interest to librarians for use in a variety of continuing education settings. 1 Study Guide included. The following are available:

**Assessing Community Needs** 40 min.
**Censorship** 40 min.
**Community Resource Files** 20 min.
**Determining the Library User's Need** 20 min.
**Oral History**
**Preschool Story Programs** 20 min.
**Public Relations** 20 min.
**Public-School Library Cooperation** 20 min.
**Publicity** 40 min.
**Science Questions Sometimes are Issue Questions** 20 min.
**Services for the Blind and Physically Handicapped** 20 min.
**Services to Elementary-Age Children** 20 min.
**State Libraries - Materials, Manpower, Money** 20 min.
**Vertical File** 20 min.
**Volunteers in the Library** 20 min.
**Where the Library Dollars Are** 40 min.

**BRAILLE BOOK REVIEW.** Periodical. Library of Congress, National Library Service for the Blind and Physically Handicapped.

Source: LC/NLSBPH

This publication, specially printed in large type to facilitate reading by visually impaired persons, lists braille books and magazines available through the Library of Congress and a national network of cooperating libraries. Information about developments and activities in library services, as well as order/purchase forms, are included.

**OUR NATION'S LIBRARIES: AN INVENTORY OF RESOURCES AND NEEDS.** Government Printing Office. 1978. 16pp. ill. $1.20 ea.

Source: GPO S/N 052-003-00595-6

**PUBLIC LIBRARIES: WHO SHOULD PAY THE BILLS?** Government Printing Office. 1978. 16pp. ill. $1.20 ea.

Source: GPO S/N 052-003-00594-8

Presents the facts on library finance and outlines a proposal for new funding.

**CENSORSHIP.** 40 min., 3/4 in. Videocassette., Col. 1976. Sale $125.00

Source: GSA/NAC Title No. 008377/PF

Discusses the basic philosophy of the American Library Association's 'Freedom to Read Statement.' Gives practical suggestions on handling censorship issues in the library. Designed for library personnel in small communities. 1 Study Guide included. From the Access Series.

**COMMUNITY RESOURCE FILES.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008389/PF

Defines the concept of the Community Resource File. Discusses several different types, and indicates how a library might build such a file. Designed for library personnel in small communities. 1 Study Guide included. From the Access Series.

**DETERMINING THE LIBRARY USER'S NEED.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008381/PF

Discusses steps a library staff can take in order to determine a patron's exact need. Also discusses how to find out specifics, create the right atmosphere, and interview the library user. Designed for library personnel in small communities. 1 Study Guide included. From the Access Series.

**ERIC, IT'S THAT EASY.** 15 min., 3/4 in. Videocassette, Col. 1978. Sale $50.00

Source: GSA/NAC Title No. A01306

Tells what the Eric System is, and how it is useful to research efforts. Audience: Educational and library. Other Format(s) or Version(s): 15 min., 1 in. Videotape, Col. 1978. Title No. A01977/PF. Sale $80.00.

**LIBRARIANS COMMUNICATE.** 51 min., 3/4 in. Videocassette, Col. 1977. Sale $150.00

Source: GSA/NAC Title No. A00456/PF

Deals with a communication style known as the 'Immediacy Principle.' This style is described as one intended to put the patron at ease and to encourage dialogue, especially in the initial stages of the public service encounter. A non-immediate communication style is defined as one that tends to be negatively perceived by the patron and to push the patron away. Both styles are demonstrated and explained. Audience: Librarians, library school students.

**MEDLINE - AN INTRODUCTION FOR USERS.** 16 min., 2 x 2 Slides, Audiocassette, Col. 1975. Sale $12.50

Source: GSA/NAC Title No. 009840/PF

Acquaints the viewer with the purpose and use of Medline as a reference tool. Demonstrates Medline capabilities through the use of a simulated search. 40 slides, 1 audiocassette, 2-track, mono, with audible and inaudible advance signals.

**PUBLIC RELATIONS.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 00838/PF

Stresses that good public relations are a matter of filling unmet needs of the community. Shows how in different ways, four libraries have done this and as a consequence have earned strong community support. Designed for library personnel in small communities. 1 Study Guide included. From the Access Series.

**PUBLIC-SCHOOL LIBRARY COOPERATION.** 40 min., 3/4 in. Videocassette, Col. 1976. Sale $125.00

Source: GSA/NAC Title No. 008376/PF

Presents experiences and ideas on cooperative programs. Discusses issues, trends, and possible problems involved with public-school library cooperation. Designed for library personnel in small communities. 1 Study Guide included. From the Access Series.

**PUBLICITY.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008385/PF

Discusses the different ways local radio and local newspapers can be used to publicize the library. Points out the need and ways to determine results. Designed for library personnel in small communities. Study Guide included. From the Access Series.

**SERVICES FOR THE BLIND AND PHYSICALLY HANDICAPPED.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008387/PF

Explains the range of services available to those people who are temporarily or permanently unable to read. Also shows how an individual library can help this group. Designed for library personnel in small communities. Study Guide included. From the Access Series.

**STATE LIBRARIES - MATERIALS, MANPOWER, MONEY.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008388/PF

Gives an overview of what services a typical state library can offer to other libraries in the state, such as special collections and services, consultation, and grant money. Designed for library personnel in small communities. Study Guide included. From the Access Series.

**VERTICAL FILE.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008390/PF

Presents information about the purposes and structure of the vertical file with emphasis on the type of materials to include in the file, their purpose, and access to them. Designed for library personnel in small communities. Study Guide included. From the Access Series.

**VOLUNTEERS IN THE LIBRARY.** 20 min., 3/4 in. Videocassette, Col. 1976. Sale $60.00

Source: GSA/NAC Title No. 008386/PF

Discusses five steps a library can take to develop an organized volunteer program. Touches on solutions to possible

problems that could arise when using volunteers. Designed for library personnel in small communities. Study Guide included. From the Access Series.

**WHERE THE LIBRARY DOLLARS ARE.** 40 min., 3/4 in. Videocassette, Col. 1976. Sale $125.00

Source: GSA/NAC Title No. 008378/PF

Discusses ways a small library can supplement its regular operating budget. Also discusses where funds are available and what approach the library should take to get funds. Designed for library personnel in small communities. Study Guide included. From the Access Series.

## METEOROLOGICAL TECHNOLOGY

**COURSE AND CURRICULUM IMPROVEMENT MATERIALS.** Guidebook. National Science Foundation. 1976. 53pp. ill. $1.05 ea.

Source: GPO S/N 038-000-00278-3

This National Science Foundation book lists teaching materials, now available, that can be used in elementary, intermediate, and secondary schools. Films, books and instructional equipment in the fields of mathematics, astronomy, biology, chemistry, oceanography, meteorology, physics, and the social sciences are cited.

**ENVIRONMENTAL SCIENTISTS AND CONSERVATION OCCUPATIONS.** Department of Labor, Bureau of Labor Statistics. 1978. 18pp. ill. $0.50 ea.

Source: GPO S/N 029-001-02086-4

This publication gives the employment outlook for conservation occupations, foresters, forestry technicians, range managers, soft conservationalists, environmental scientists, geologists, geophysicists, meterologists, oceanographers.

**PROJECT RETRO-TECH.** Department of Energy, Office of the Secretary. 1978.

Source: GPO

These volumes are included in the series:

**Home Weatherization Charts.** 52pp. ill. $2.10 ea. S/N 061-000- 00156-5. A reprint of Federal Energy Administration conservation paper number 28D.
**Home Weatherization Instructor's Guide.** 55pp. ill. $2.10 ea. S/N 061-000-00153-1.
**Home Weatherization Job Book.** 15pp. ill. $0.90 ea. S/N 061-000- 00154-9.

**DAY OF THE KILLER TORNADOS.** 27 min., 16MM Film, Opt. Sd., Col. 1978. Rental $12.50 Sale $156.50

Source: GSA/NAC Title No. 010659/RI

Presents the story of the day 147 deadly twisters swept through Ohio, Kentucky, and Alabama. The funnels devastated large portions of 11 states, killing 307 people in the U. S. and 8 more in Canada. Includes extensive footage of the tornados actually striking Xenia, Cincinnati, and Louisville. Also shows how warning, advance preparation, and coordination in emergency operating centers have helped to save many lives.

**TORNADO - A SPOTTER'S GUIDE.** 16 min., 16MM Film, Opt. Sd., Col. 1977. Sale $92.75

Source: GSA/NAC Title No. 010558/RI

Designed to aid in the training of community spotters in visually detecting and reporting severe storms and tornadoes. Assists in eliminating false tornado reports.

**WINTER STORMS - THE DECEPTIVE KILLERS.** 18 min., 2x2 Slides, Audiocassette, Col. 1978. Sale $28.25

Source: GSA/NAC Title No. 010557/RI

Describes the impact of winter storms and the potential for death and destruction. Emphasizes preparedness planning by individuals and the need for community preparedness. Illustrates safety rules for mariners, motorists, hunters, campers, and others. Provides suggestions for survival. Also defines a 'Winter Storm Warning' and a 'Winter Storm Watch'. 78 Slides. Audiocassette, 2-Track. Mono. with audible advance signals. Program script included.

**LEARNING FIRE WEATHER.** 14 2 x 2 Slides, Silent, Col. 1977. Sale $42.00

Source: GSA/NAC Title No. 001956/RR

Shows how to develop an understanding of meteorological conditions which contribute to forest fires. Intended for use by fire fighter trainees. 25 student textbooks included.

**COMPUTING THE WEATHER.** 28 min., 16MM Film, Opt. Sd., Col. 1975. Sale $162.50

Source: GSA/NAC Title No. 008566

Shows the background, methodology, and process of preparing numerical and oceanographic forecasts for the fleet as carried out by the Naval Weather Service at Monterey, CA.

**REDISCOVERY - A SERIES.** 5 16 MM Films, Opt. Sd. 1975. Sale $417.75

Source: GSA/NAC

Discusses natural and man-made disasters. Features NASA's contribution of providing vital information to reduce casualties and property loss. Cleared for non-sponsored TV.

**Earthquake Below** 15 min.
**Flood Below** 14 min.
**Hurricane Below** 14 min.
**Pollution Below** 14 min.
**Tornado Below** 15 min.

**TORNADO PREPAREDNESS.** 67 2 x 2 Slides, Silent, Col. 1976. Sale $12.50

Source: GSA/NAC Title No. 007886

Provides statistics on tornadoes and types them by intensity and watch/warning capability. Advocates community planning, safety drills, and tie-down legislation and discusses the various warning dissemination systems. Shows some of the larger, more destructive tornadoes and the damage they caused to schools and mobile homes. Script included.

**THE HYDROLOGIC CYCLE.** Booklet. Department of Commerce, National Oceanic and Atmospheric Administration. 1979. $0.60 ea.

Source: GPO S/N 003-017-00436-8

This highly informative, easy-to-understand booklet explains the hydrologic cycle in detail, discusses methods used to accumulate hydrologic data for weather prediction and other vital services, and explains the role of the National Oceanic and Atmospheric Administration in the monitoring and management of this essential natural resource.

**EXTREME WIND STUDY.** Film. 18 min. Department of Commerce, National Bureau of Standards. 1975. Free.

Source: DOC/NBS

Low-rise buildings are particularly susceptible to damage by hurricanes, typhoons, and cyclones. In order to develop

criteria for these buildings, the National Bureau of Standard's Center for Building Technology collected wind data from full scale buildings in the Philippines. With their frequent severe storms, these islands served as a natural laboratory. The field data were applied to creating experimental procedures in a wind tunnel for improving building construction. The project was sponsored by the Agency for International Development.

## MORTUARY SCIENCE TECHNOLOGY

**FUNERAL DIRECTORS' HANDBOOK ON DEATH REGISTRATION AND FETAL DEATH REPORTING.** Guidebook. Department of Health, Education, and Welfare, Public Health Service. 1978. 47pp. ill. $1.90 ea.

Source: GPO S/N 017-022-00632-4

Acquaints funeral directors with the registration system in the U. S. and provides instructions for registration of deaths, based on the 1978 revision to the U. S. Standard Certificate of Death and Report of Fetal Death.

**PHYSICIAN'S HANDBOOK ON MEDICAL CERTIFICATION: DEATH, BIRTH, FETAL DEATH.** 1978. 69pp. $2.20 ea.

Source: GPO S/N 017-022-00627-8

Contains instructions for physicians on the registration of deaths, births, and fetal deaths, based on the 1978 revisions of the U.S. Standard Certificates of Death and Live Birth.

## PHOTOGRAPHIC TECHNOLOGY

**PHOTONOVEL: A TOOL FOR DEVELOPMENT.** Manual. Action, Peace Corps. 1976. 105pp. ill. $2.20 ea.

Source: GPO S/N 056-000-0014-3

Originally published as a training manual for Peace Corps personnel, this book serves the general public as an introductory textbook on the preparation of photonovels with dialogue balloons superimposed over the photos to express the speech of the characters. Easy to read and combining many of the communicatory advantages of comic books, films, and novels, the photonovel has been found to be an especially effective educational medium in semi-literate and low- and middle-income applications. This manual provides a step-by-step guide to the production of photonovels, summarizing a wealth of graphic, photographic, and printing information, and includes an entire photonovel as an example.

## POLICE SCIENCE TECHNOLOGY

**LAW ENFORCEMENT TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.** Department of Health, Education, and Welfare, Office of Education. 1975. 153pp. ill. $2.30 ea.

Source: GPO S/N 017-080-01402-5

**POLICE SELECTION AND CAREER ASSESSMENT.** Department of Justice. 1976. 199pp. ill. $4.00 ea.

Source: GPO S/N 027-000-00390-7

**EMPLOYING CIVILIANS FOR POLICE WORK.** Department of Justice. 1975. 57pp. ill. $1.65 ea.

Source: GPO S/N 027-000-00341-9

**WOMEN ON PATROL: A PILOT STUDY OF POLICE PERFORMANCE IN NEW YORK CITY.** Department of Justice. 1978. 80pp. ill. $2.75 ea.

Source: GPO S/N 027-000-00631-1

Compares patrol performance of 41 female police officers to that of 41 male police officers in New York City in 1975/1976. Males and females were matched by length of time on force, patrol experience, and type of precinct. The principle research method involved direct observation by police and civilian personnel.

**NATIONAL MANPOWER SURVEY OF THE CRIMINAL JUSTICE SYSTEM.** Department of Justice. 1978.

Source: GPO

The Criminal Justice System is vital to the Nation but beset with manpower problems. The National Manpower Survey begun in 1974 and completed in 1977, is one of the most recent attempts to help alleviate these problems. The following six volumes present the results of the study.

- **Volume One, Summary Report.** 151pp. $3.50 ea. S/N 027-000-00650-7.
- **Volume Two, Law Enforcement.** 48pp. $2.30 ea. S/N 027-000-00660-4.
- **Volume Three, Corrections.** 146pp. ill. $3.50 ea. S/N 027-000- 00661-2.
- **Volume Four, Courts.** 87pp. $2.75 ea. S/N 027-000-00662-1.
- **Volume Five, Criminal Justice Education And Training.** 578pp. $7.00 ea. S/N 027-000-00663-9.
- **Volume Six, Criminal Justice Manpower Planning.** 381pp. $5.75 ea. S/N 027-000-00664-7.
- **Executive Summary To The Above.** 19pp. $1.10 ea. S/N 027-000-00642-6.

**CRASH VICTIM EXTRICATION.** 2 x 2 Slides, Silent, Col. 1979. Sale $18.00

Source: GSA/NAC Title No. A01927/RI

Designed to upgrade the emergency medical technician's skill, knowledge and ability to establish priorities for removing persons from crashed vehicles. Although designed basically for EMT's, this course also meets the requirements for teaching light duty extrication methods to rescue and safety personnel. The course emphasizes the development of skills in gaining entry, freeing, and removing an injured and trapped individual. Intended audience: Rescue Squad Workers, EMT's, Firemen, Policemen. 56 Slides, 48 page instructor manual, 36 page student manual.

**DWI LAW ENFORCEMENT TRAINING COURSE.** Multimedia Kit. 1975. Sale $1,255.00

Source: GSA/NAC Title No. 009404/RR

Provides general patrol officers with an effective alcohol enforcement training program. Offers the student-officer pertinent, useful information which will assist him with his daily alcohol-related contact situations. Relates directly to the officer's alcohol enforcement tasks, a top priority element in the highway safety program. Includes eleven 16MM motion picutres, 61 color transparencies and 1 overlay.

**MYTHS AND REALITIES ABOUT CRIME.** Booklet. Department of Justice. 1978. 52pp. $2.30 ea.

Source: GPO S/N 027-000-00722-8

Myth: Elderly persons make up the most heavily victimized age group in our society. Reality: Rates of victimization are far higher for young individuals than for senior citizens.

This and 22 other popular myths and surprising realities, along with supporting data, are presented in this booklet.

**OPPORTUNITIES IN LAW ENFORCEMENT AND RELATED CAREERS.** 6 reels: 5 in.; 3 3/4 IPS.; 2 Track. RM. James D. Stinchcomb. Library of Congress, National Library Service for the Blind and Physically Handicapped. 1975.

Source: LC/NLSBPH MI-BPH (MSL-4409) RM

A comprehensive look at criminal justice jobs at city, county, and state levels; in military and federal agencies; and in court, correction and private security postions. For junior and senior high readers.

**CAREERS IN CRIMINAL JUSTICE.** Booklet. Department of Justice, Law Enforcement Assistance Administration. Government Printing Office. 1979. 13pp. Free

Source: GPO DOJ/LEAA

Presents a concise report on the types of criminal justice positions, the required education, educational programs, and student aid.

**CRIMINAL JUSTICE AUDIOVISUAL MATERIALS DIRECTORY.** Department of Justice, Law Enforcement Assistance Administration. Government Printing Office. 1978. 150pp.

Source: GPO S/N 027-000-00629-0

This directory is designed to be a resource guide to those in the criminal justice field seeking materials for education, training and orientation. It is divided into sections such as Courts, Police Techniques and Training, and Public Education.

**POLICE EMPLOYMENT OPPORTUNITIES.** Booklet. Department of Labor, Employment and Training Administration. Government Printing Office. 1977. 15pp.

Source: DOL/ETA

Reports on a survey of job opportunities in 2,440 police agencies.

**A CAREER AS A CORRECTIONAL OFFICER - AN OPPORTUNITY FOR A CHALLENGE.** Announcement No. 431. Leaflet. Office of Personnel Management, Staffing Services. 1979.

Source: OPM

**INCREASING JOB OPTIONS FOR WOMEN.** 101 min., 2 x 2 Slides, Audiocassette, Col. 1976. Sale $26.25

Source: GSA/NAC Title No. 007846/RB

Shows women working in a variety of non-traditional jobs, such as professional, technical, administrative, and managerial workers, in the skilled trades, and as repairers and machine operators. Encourages women to consider non-traditional occupations because they usually pay better than traditional women's jobs. Reviews Equal Employment Opportunity Officer Regulations against Sex Discrimination in Employment and Office of Contractor Compliance Requirements for Affirmative Action. 74 slides. 1 Audiocassette. 2-Track Mono. With audible advance signals. Script included.

**WHY NOT A WOMAN?** 26 min., 16 MM Film, Opt. Sd., Col. 1977. Sale $150.75

Source: GSA/NAC Title No. 010571/RB

Shows women working successfully in non-traditional jobs like welders, carpenters, and mechanics. Explores the attitudes of their male co- workers, supervisors, personnel managers, and teachers. Demonstrates the wide range of job options and training available to girls and women. Presents audiences with a realistic and entertaining argument against the long standing myths about women and work. Attempts to direct audiences to reassess their deep-seated attitudes about working women.

**VOCATIONAL/TECHNICAL: A SELECT LIST OF U. S. GOVERNMENT PRODUCED AUDIOVISUAL MATERIALS - 1978/79.** Catalog. General Services Administration, National Audiovisual Center. 1979. 56pp.

Source: GSA/NAC

This catalog features a select list of available materials from the National Audiovisual Center on vocational and technical instruction and training. Includes order/purchase forms.

**A REFERENCE LIST OF AUDIOVISUAL MATERIALS PRODUCED BY THE UNITED STATES GOVERNMENT, 1978.** Catalog. General Services Administration, National Audiovisual Center. Government Printing Office. 1978. 398pp.

Source: GPO S/N 052-003-00497-6. Also available from GSA/NAC.

List includes subject and title sections, rental and purchase policies, and a price list.

**VOCATIONAL EDUCATION AND TRAINING FOR THE NON-HANDICAPPED: A BIBLIOGRAPHY WITH ABSTRACTS.** A. Young. National Technical Information Service. 1978. 194pp. $28.00 ea.

Source: NTIS NTIS/PS-78/0315

Included are evaluations of technical schools or curricula. The evaluations are developed from the standpoint of both the industry's and the individual's needs. The reports abstracted cover programs aimed at the hardcore unemployed and the socially and economically disadvantaged.

**DIMENSIONS/NBS.** Periodical. Department of Commerce, National Bureau of Standards. Government Printing Office. $11.00/year.

Source: GPO Symbol DNBS

This is the official journal of the National Bureau of Standards. It keeps scientists, industrial managers, teachers and consumers up to date on the latest research at the Nation's Physical Sciences and Measurement Laboratory.

**NATIONAL BUREAU OF STANDARDS: A NATIONAL RESOURCE FOR SCIENCE AND TECHNOLOGY, FISCAL YEAR 1978.** Annual Report. Department of Commerce, National Bureau of Standards. Government Printing Office. 1979. 84pp.

Source: GPO S/N 003-003-02093-1

This report describes technical activities at the Bureau. The examples provided are intended to emphasize the importance and breadth of NBS work to the varied readers such as trade associations, and the general, trade, and technical news media.

**MANPOWER MAGAZINE.** Monthly Periodical. Department of Labor, Manpower Administration. $15.30/year.

Source: GPO

This is the official journal of the Manpower Administration; past issues have covered topics such as basic education and job training, public service jobs, technical education and

careers in industry. Book reviews and lists of publications are usually included.

**ANNUAL EARNINGS AND EMPLOYMENT PATTERNS OF PRIVATE NONAGRICULTURAL EMPLOYEES, 1973-75.** Bulletin 2031. Department of Labor, Bureau of Labor Statistics. 1979. 383pp. $7.50 ea.

Source: GPO S/N 029-001-02386-3

This bulletin presents statistics on annual earnings and employment in the United States in 1973, 1974, and 1975. The Bureau of Labor Statistics developed the data from a 1% random sample of records of the Social Security Administration and the Railroad Retirement Board. The data provide a more accurate picture of annual earnings and employment patterns by industry than is available from any other source. The data are the last available from the Social Security Administration and provide historical continuity with the other published data in the series.

**EXPLORING CAREERS.** Handbook. Department of Labor, Bureau of Labor Statistics. 1979. 550pp. $10.00 ea.

Source: GPO S/N 029-001-02224-7. Also available from DOL/BLS.

A career education resource designed and written for junior high students; older students will find this book useful also. It can be used in classrooms, career resource centers and youth programs and is packaged to facilitate either group or individual use. Titles of individual chapters are: The World of Work and You, Industrial Production Occupations; Office Occupations; Service Occupations; Education Occupations; Sales Occupations; Construction Occupations; Transportation Occupations; Scientific and Technical Occupations; Mechanics and Repairers; Health Occupations; Social Scientists; Social Service Occupations; Performing Arts, Design and Communications Occupations; Agriculture, Forestry, and Fishery Occupations. *Exploring Careers* can be purchased as: A single volume, $10.00 ea.; 15 separate booklets, one for each chapter, $2.00 ea.; a set of 15 booklets, $12.00 set, S/N 029-001-02225-5.

**RESOURCES IN VOCATIONAL EDUCATION.** Bi-monthly Periodical. National Center for Research in Vocational Education. $34.00/yr.

Source: NCRVE

Includes abstracts of research, instructional, and other materials in vocational and technical education, and abstracts of funded proposals. The full texts of most documents announced in this publication are available in microfiche or hard copy from ERIC.

**TECHNOLOGY AND THE ENVIRONMENT.** Environmental Protection Agency, Office of Public Awareness. 1979. 29pp.

Source: EPA/PA

Reprinted from the September, 1979 issue of *EPA Journal.*

**JOBS FOR WHICH YOU PROBABLY WILL NEED SOME COLLEGE OR SPECIALIZED TRAINING.** Pamphlet. Department of Labor, Bureau of Labor Statistics. 1979. Approx. 20pp. $1.75 ea.

Source: GPO S/N 029-001-02450-9

Presents a list of occupations for which college, technical, or specialized training is required. It highlights the training requirements and employment outlook for each.

## INDUSTRIAL TECHNOLOGY

**WOOD HANDBOOK: WOOD AS AN ENGINEERING MATERIAL.** Department of Agriculture. 1974. Reprinted 1978. 432pp. ill. $10.00 ea.

Source: GPO S/N 001-000-03200-3

Provides engineers, architects, and others with a source of information on the physical and mechanical properties of wood, and how these properties are affected by variations in the wood itself.

**HEALTH HAZARDS IN A FOUNDRY.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976.

Source: GPO

The following titles are available:

**Melting And Pouring Department.** 20pp. ill. $0.65 ea. S/N 017-033- 00182-1.

**Pattern Shop, Core Room, Molding Shop, And Sandhandling Department.** 36pp. ill. $0.55 ea. S/N 017-033-00181-2.

**Shakeout, Cleaning, Grinding, And Inspection Department.** 32pp. ill. $0.55 ea. S/N 017-033-00183-9.

**IRRITANT EFFECTS OF INDUSTRIAL CHEMICALS, FORMALDEHYDE.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 148pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00172-3

**JOB SAFETY ANALYSIS.** Department of the Interior, Mining Enforcement and Safety Administration. 1977. 31pp. ill. $1.60 ea.

Source: GPO S/N 024-019-00020-9

Provides an explanation of one of the approaches utilized in the prevention of accidents in and around mines.

**OUTLINE FOR TRAINING OF POWERED INDUSTRIAL TRUCK OPERATORS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1978. 32pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00322-0

**SYSTEM SAFETY ENGINEERING.** Department of Interior, Mining Enforcement and Safety Administration. 1978. 46pp. ill. $2.00 ea.

Source: GPO S/N 024-019-00029-2

Provides an explanation of one of the approaches that can be used in the systematic prevention of mine accidents.

**WASTE HEAT MANAGEMENT - ENERGY UTILIZATION FOR PROFIT.** 26 min., 16MM Film, Opt. Sd., Col. 1976.

Source: GSA/NAC Title No. 008729/RR

Shows how waste heat from various industrial processes can be captured and reused to help cut industrial fuel bills and thereby increase profits, while helping to conserve the nation's energy supply. Also shows several waste heat recovery systems and techniques. Discusses how the industry spokesman's waste management programs have permitted them to maintain productivity with less fuel in the face of rapidly rising energy prices and a growing scarcity of fossil fuels. From the industrial energy conservation series. Cleared for T.V.

**SELECTED U. S. GOVERNMENT AUDIOVISUALS: ENGINEERING.** Catalog. General Services Administration, National Audiovisual Center. 1977. Approx. 20pp.

Source: GSA/NAC

This catalog lists audiovisual materials on engineering available from the National Audiovisual Center. The materials cover civil, mechanical, general, nuclear, environmental, marine and industrial engineering.

**HIERARCHICAL CONTROL: NBS RESEARCH IN DYNAMIC SENSORS AND COMPUTER CONTROL TECHNIQUES.** 20 min., Film. Department of Commerce, National Bureau of Standards. 1976.

Source: DOC/NBS

Programming industrial robots is easier and faster when done by computer, especially when higher levels of control are added. The film includes a demonstration of a robot performing simple tasks of stacking blocks and inserting a wooden peg in a hole. Sensory feedback from the robot to the computer is used to cope with the small misalignment of parts that might be encountered in a factory environment. Audience: Computer science college students, industrial and manufacturing engineers, scientific and technical groups.

**INDUSTRY WAGE SURVEY.** Booklet. Department of Labor, Bureau of Labor Statistics.

Source: GPO

The following bulletins are available:

**Pulp, Paper, And Paperboard Mills, Summer 1977.** Bulletin 2008. 1979. 82pp. $2.75 ea. S/N 029-001-02268-9.

**Contract Cleaning Services, July 1977.** Bulletin 2090. 1978. 61pp. S/N 029-001-02260-3.

**Pressed or Blown Glass And Glassware, May 1975.** Bulletin 1923. 1976. 40pp. $1.05 ea. S/N 029-001-01934-3.

## FOOD PROCESSING TECHNOLOGY

**ENERGY CONSERVATION IN THE FOOD SYSTEM, PUBLICATIONS LIST.** Executive Office of the President, Federal Energy Office. 73pp. ill. $1.40 ea.

Source: GPO S/N 041-018-00110-7

**GUIDE TO ENERGY CONSERVATION.** Executive Office of the President, Federal Energy Office. 1977.

Source: GPO

The following titles are available:

**Guide To Energy Conservation For Food Service.** 1977. 74pp. ill. $2.25 ea. S/N 041-018-00127-1.

**Guide To Energy Conservation For Grocery Stores.** 1977. 40pp. ill. $1.90 ea. S/N 041-018-00133-6.

**THE CHICKEN BROILER INDUSTRY: STRUCTURE, PRACTICE, AND COSTS.** Agricultural Economic Report No. 381. Department of Agriculture, Economic Research Service. 1977. 53pp.

Source: USDA/GPA

This report contains the extensive changes that have occurred in the chicken broiler industry in production, processing, marketing, consumption and demand.

**CONVENIENCE FOODS FOR THE HOTEL, RESTAURANT, AND INSTITUTIONAL MARKET: THE PROCESSOR'S VIEW. AGRICULTURAL ECONOMIC REPORT NO. 344.** Department of Agriculture, Economic Research Service. 1976. 18pp.

Source: USDA/GPA

Discusses the phenomenon of 'convenience foods' in the United States.

**THE CHEESE INDUSTRY.** Agricultural Economic Report No. 294. Harold W. Lough. Department of Agriculture, Economic Research Service. 1975. 71pp.

Source: USDA/GPA

Economic discussion, with statistics, of the cheese industry.

**CLEAN WATER AND THE DAIRY PRODUCTS INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1976. 20pp. Free.

Source: EPA/PIC

This booklet is about the dairy products industry and water pollution; it also explains in non-technical terms how pollution can be controlled.

**CLEAN WATER AND THE BEET SUGAR PROCESSING INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1977. 16pp. Free.

Source: EPA/PIC

This booklet is about the beet sugar processing industry and water pollution. It also describes why a few beet sugar processing plants will not be able to comply with pollution control standards.

**CLEAN WATER AND THE CANE SUGAR INDUSTRY.** Booklet. Environmental Protection Agency, Office of Public Affairs. 1977. 16pp. Free.

Source: EPA/PIC

This booklet is about the cane sugar industry and water pollution; it explains what the industry must do to keep wastes from polluting the nation's waters.

## FOREST PRODUCTS PROCESSING TECHNOLOGY

**WOOD AS A FUEL.** Pamphlet. Department of Agriculture, Forest Service. 1979. 9pp. ill. $0.80 ea.

Source: GPO S/N 001-001-00449-9

**WOOD HANDBOOK: WOOD AS AN ENGINEERING MATERIAL.** Department of Agriculture. 1974. Reprinted 1978. 432pp. ill. $10.00 ea.

Source: GPO S/N 001-000-03200-3

Provides engineers, architects, and others with a source of information on the physical and mechanical properties of wood, and how these properties are affected by variations in the wood itself.

**THE NATION'S RENEWABLE RESOURCES: AN ASSESSMENT, 1975.** Forest Resource Report No. 21. Department of Agriculture, Forest Service. 1977. 242pp. ill.

Source: GPO S/N 001-001-00427-8

This study provides an analysis of the present situation of renewable resources and the outlook for outdoor recreation and wilderness, wildlife and fish, forest-range grazing, timber and water.

**INDUSTRY WAGE SURVEY.** Booklet. Department of Labor, Bureau of Labor Statistics.

Source: GPO

The following bulletins are available:

**Pulp, Paper, And Paperboard Mills, Summer 1977.** Bulletin 2008. 1979. 82pp. $2.75 ea. S/N 029-001-02268-9.

**Contract Cleaning Services, July 1977.** Bulletin 2090. 1978. 61pp. S/N 029-001-02260-3.

**Pressed or Blown Glass And Glassware, May 1975.** Bulletin 1923. 1976. 40pp. $1.05 ea. S/N 029-001-01934-3.

**PRODUCT OF AMERICAN FORESTS.** Miscellaneous Publication No. 861. Booklet. F. J. Champion. Department of Agriculture, Forest Service. 1975. 28pp. ill. $0.70 ea.

Source: GPO S/N 001-000-03482-1. Also available from USDA/GPA.

This publication deals only with wood and other crops that come directly from trees. It describes the forest material in general groups and points out their many uses.

## MARINE PRODUCTS PROCESSING TECHNOLOGY

**TROUT FARMING, COULD TROUT FARMING BE PROFITABLE FOR YOU?** Department of Agriculture. 8pp. ill. $0.35 ea.

Source: GPO S/N 001-000-00244-9

## QUALITY ASSURANCE/CONTROL TECHNOLOGY

**MARKETPLACE, THE.** 15 min., 16 MM Film, Opt. Sd., Col. 1978. Sale $87.00

Source: GSA/NAC Title No. A00798/PF

Illustrates how accuracy in the marketplace is protected by local weights and measures officials. The audience spends a day with one such inspector as he tests scales in a produce market, checks the accuracy of a gasoline pump, and verifies the weights of prepackaged foods. Cleared for TV.

**OCCUPATIONAL PREPARATION INSPECTION AND QUALITY CONTROL.** Department of Health, Education, and Welfare, Office of Education. 1977. $2.00 ea.

Source: GPO

The following titles are available:

**Instructor's Guide.** 127pp. ill. $1.75 ea. S/N 017-080-01656-7. Contains curriculum development guidelines and instructional resources on the quality control and inspection field.

**Student's Manual.** 130pp. ill. $2.00 ea. S/N 017-080-01655-9. Contains an overview of the quality control and inspection field and outlines specific occupational preparation; appropriate for secondary school students.

## CHEMICAL TECHNOLOGY

**IRRITANT EFFECTS OF INDUSTRIAL CHEMICALS, FORMALDEHYDE.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 148pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00172-3

**EMERGENCY ACTION GUIDE FOR SELECTED HAZARDOUS MATERIALS.** Booklet. Department of Transportation, Research and Special Programs Administration and National Highway Traffic Safety Administration. Government Printing Office. 1978. 75pp.

Source: GPO S/N 050-003-00342-5

This guide was prepared to help emergency service personnel during the first 30 minutes of an incident involving a spill of a volatile, toxic, gaseous and/or flammable material that is shipped in bulk. General and specific safety procedures to follow are provided in spill guides arranged alphabetically by hazardous material.

**CHEMICAL DATA GUIDE FOR BULK SHIPMENT BY WATER.** Department of Transportation. 1976. 317pp. $4.25 ea.

**Source: GPO S/N 050-012-00117-1**

An alphabetical listing of over 250 chemicals, providing information on fire and explosion hazards, health hazards, reactivity, and spill or leak procedures.

## METALLURGICAL TECHNOLOGY

**CAUTION: INORGANIC METAL CLEANERS CAN BE DANGEROUS.** Booklet. Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 21pp. ill. $1.20 ea.

Source: GPO S/N 017-033-00108-1

A booklet for workers handling inorganic metal cleaners. Describes what they are, how they are used, and how they can cause injury.

**NEW TECHNOLOGIES AND TRAINING IN METAL WORKING.** Government Printing Office. 1978. 52pp. $2.40 ea.

Source: GPO S/N 052-003-00577-8

**OCCUPATIONAL TRAINING IN SELECTED METALWORKING INDUSTRIES, 1974: A REPORT ON A SURVEY OF SELECTED OCCUPATIONS.** Department of Labor, Bureau of Labor Statistics. 52pp. ill. $2.20 ea.

Source: GPO S/N 029-001-02127-5

**FOUNDRY SAFETY AND HEALTH TEST.** 28 min., 16MM Film, Opt. Sd., Col. 1977. Rental $12.50 Sale $162.50

Source: GSA/NAC Title No. 010170/RR

Presents 19 hazardous situations in foundry operations and asks viewers to answer questions about the hazards. Presents solutions using scenes from actual foundry operations. Instructor's guide included.

**SUGGESTIONS FOR PROSPECTING.** Guidebook. Department of the Interior, Geological Survey. Government Printing Office. 1978. 24pp. ill.

Source: GPO S/N 024-001-03086-1

Ideas to improve one's chances of succeeding at prospecting. Includes information on prospecting techniques, geochemical prospecting, geophysical prospecting, claim to mineral discovering and exploration, services available to prospectors and a list of maps.

## TEXTILES TECHNOLOGY

**SEWING MENSWEAR.** Booklet. Department of Agriculture, Extension Service. 1975.

Source: GPO. Also available from USDA/ES.

A series of booklets on home sewing which provide a combination of techniques from custom-tailoring and manufacturing methods. Available titles include:

**Sewing Menswear - Jackets.** PA-1174. 143pp. $0.80 ea. S/N 001-000-03658-1.
**Sewing Menswear - Pants.** PA-1115. 131pp. $0.70 ea. S/N 001-000-03412-0.

**TECHNOLOGY AND MANPOWER IN THE TEXTILE INDUSTRY OF THE 1970'S.** Department of Labor, Bureau of Labor Statistics. 1975. 64pp. $1.20 ea.

Source: GPO S/N 029-001-01405-8

**GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977.

Source: GPO

**Safety And Health In Auto Body Repair Shops.** 1977. 34pp. ill. $1.40 ea. S/N 017-033-00257-6.
**Ways To Safety And Health For Textile Finishing Workers.** 1977. $1.50 ea. 30pp. ill. S/N 017-033-00241-0.

**TEXTILES/APPAREL: A STUDY OF THE TEXTILE AND APPAREL INDUSTRIES BY THE COUNCIL ON WAGE AND PRICE STABILITY.** Executive Office of the President, Office of Management and Budget. 1978. 134pp. $3.25 ea.

Source: GPO S/N 041-001-00169-7

Examines some of the problems facing the textiles and apparel industries, tells how they differ from the problems facing other manufacturing industries, and reviews the economic implications of selected adjustments in foreign trade rules designed to protect these industries.

**THE WAY TO SAFETY AND HEALTH FOR TEXTILE FINISHING WORKERS: GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Services. 1977. 30pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00241-0

## MARINE AND OCEANOGRAPHIC TECHNOLOGY

**COURSE AND CURRICULUM IMPROVEMENT MATERIALS.** Guidebook. National Science Foundation. 1976. 53pp. ill. $1.05 ea.

Source: GPO S/N 038-000-00278-3

This National Science Foundation book lists teaching materials, now available, that can be used in elementary, intermediate, and secondary schools. Films, books and instructional equipment in the fields of mathematics, astronomy, biology, chemistry, oceanography, meteorology, physics, and the social sciences are cited.

**ENVIRONMENTAL SCIENTISTS AND CONSERVATION OCCUPATIONS.** Department of Labor, Bureau of Labor Statistics. 1978. 18pp. ill. $0.50 ea.

Source: GPO S/N 029-001-02086-4

This publication gives the employment outlook for conservation occupations, foresters, forestry technicians, range managers, soft conservationalists, environmental scientists, geologists, geophysicists, meterologists, oceanographers.

**OIL AND GAS IN COASTAL LANDS AND WATERS.** Guidebook. President of the United States. 1977. 153pp. ill. $2.75 ea.

Source: GPO S/N 040-000-00386-0

A citizen's guide to the issues surrounding the ecological hazards of offshore oil and gas production and transportation. In non- technical language, the dangers to our seas and waterways are weighed against the realities of current technology and energy dependence. An invaluable aid to citizens and coastal communities in formulating a plan that allows for adequate energy with the smallest feasible risk to sensitive coastal environments.

**COMPUTING THE WEATHER.** 28 min., 16MM Film, Opt. Sd., Col. 1975. Sale $162.50

Source: GSA/NAC Title No. 008566

Shows the background, methodology, and process of preparing numerical and oceanographic forecasts for the fleet as carried out by the Naval Weather Service at Monterey, CA.

**SELECTED U. S. GOVERNMENT AUDIOVISUALS: ENGINEERING.** Catalog. General Services Administration, National Audiovisual Center. 1977. Approx. 20pp.

Source: GSA/NAC

This catalog lists audiovisual materials on engineering available from the National Audiovisual Center. The materials cover civil, mechanical, general, nuclear, environmental, marine and industrial engineering.

**MARINE LIFE POSTERS.** Posters. Department of Commerce, National Marine Fisheries Service.

Source: GPO

**Marine Fishes of the Gulf and South Atlantic.** 1978. $2.30 ea. S/N 003-020-00065-7.
**Fishes of the Great Lakes.** 1979. $2.30 ea. S/N 003-020-00069-0.
**Marine Mammals of the Western Hemisphere.** 1975. $3.00 ea. S/N 003-020-00106-8.

## MECHANICAL DESIGN & DRAFTING TECHNOLOGY

**BUILDING THE SOLAR HOME: SOME EARLY LESSONS LEARNED.** Booklet. Department of Housing and Urban Development. 1978. 36pp. ill. $1.70 ea.

Source: GPO S/N 023-000-00455-1

This booklet summarizes and reports the problems that have arisen in solar projects sponsored by the Department of Housing and Urban Development. Areas covered include difficulties in the design, calculations, and various components of the many active and passive systems built and evaluated for the program.

**WOOD HANDBOOK: WOOD AS AN ENGINEERING MATERIAL.** Department of Agriculture. 1974. Reprinted 1978. 432pp. ill. $10.00 ea.

Source: GPO S/N 001-000-03200-3

Provides engineers, architects, and others with a source of information on the physical and mechanical properties of

wood, and how these properties are affected by variations in the wood itself.

## AUTOMOTIVE TECHNOLOGY

**GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977.

Source: GPO

**Safety And Health In Auto Body Repair Shops.** 1977. 34pp. ill. $1.40 ea. S/N 017-033-00257-6.

**Ways To Safety And Health For Textile Finishing Workers.** 1977. $1.50 ea. 30pp. ill. S/N 017-033-00241-0.

**OUTLINE FOR TRAINING OF POWERED INDUSTRIAL TRUCK OPERATORS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1978. 32pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00322-0

**SAFETY AND HEALTH IN AUTOBODY REPAIR SHOPS: GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Service. 1977. 34pp. ill. $1.40 ea.

Source: GPO S/N 017-003-00048-4

**COLLECTIVE BARGAINING IN THE MOTOR VEHICLE AND EQUIPMENT INDUSTRY.** Report 574. Booklet. Department of Labor, Bureau of Labor Statistics. 1979. 14pp.

Source: DOL/BLS

Describes recent developments, the collective bargaining setting, and work stoppages in the motor vehicle industry.

## MARINE PROPULSION TECHNOLOGY

**COURSE AND CURRICULUM IMPROVEMENT MATERIALS.** Guidebook. National Science Foundation. 1976. 53pp. ill. $1.05 ea.

Source: GPO S/N 038-000-00278-3

This National Science Foundation book lists teaching materials, now available, that can be used in elementary, intermediate, and secondary schools. Films, books and instructional equipment in the fields of mathematics, astronomy, biology, chemistry, oceanography, meteorology, physics, and the social sciences are cited.

**EFFECTS OF MAN'S ACTIVITIES ON THE MARINE ENVIRONMENT.** United States Congress. 1975. 135pp. $1.55 ea.

Source: GPO S/N 052-070-02866-1

This report describes the major aspects of ocean pollution. Appendices include the recommendations of the U. S. Conference on the Human Environment and recently drafted international conventions on the dumping of wastes and the prevention of pollution from ships.

**AIR SERVICE MANAGER - AIRPORT FOR TEMPORARY BASES.** 8 2 x 2 Slides, Silent, Col. 1977. Sale $78.50

Source: GSA/NAC Title No. 002965/RR

Trains an individual to function as an air service manager - airport for a temporary base of operations. Deals specifically with the planning and coordination required to establish an operation for fixed-wing aircraft to include: responsibilities and duties of the air service manager - airport; the organization structure; common needs and facilities required to conduct an airport operation; safety hazards common to ground operations; sources of regulations; fueling, and administrative function. 1 looseleaf instructor's guide; 12 sets of student material; and 13 student workbooks included. Also available are: Instructor Materials. 8 - 2 x 2 Slides, Silent. Col. Sale $25.00. Title No. 002983/RR. Student Materials. 12 materials, printed for use with Media. Sale $ 32.00. Title No. 003021/RR.

## ORTHOTIC AND PROSTHETIC TECHNOLOGY

**NATIONAL APPRENTICESHIP AND TRAINING STANDARDS FOR ORTHOTIC AND PROSTHETIC TECHNICIANS.** Booklet. Department of Labor, Employment and Training Administration. Government Printing Office. 1978. 20pp.

Source: GPO Also available from DOL/ETA.

Provides definitions, qualifications for application, term of apprenticeship and other pertinent information.

## WELDING TECHNOLOGY

**SAFETY AND HEALTH IN ARC WELDING AND GAS WELDING AND CUTTING.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00292-4

**WELDING SAFETY.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977. 8pp. ill. $0.50 ea.

Source: GPO S/N 017-033-00209-6

**SAFETY AND HEALTH IN ARC WELDING AND GAS WELDING AND CUTTING.** Department of Health, Education, and Welfare, Public Health Service. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00292-4

## AIR CONDITIONING, HEATING, REFRIGERATION TECHNOLOGY

**HEAT PUMP TECHNOLOGY: SURVEY OF TECHNICAL DEVELOPMENTS, MARKET PROSPECTS AND RESEARCH NEEDS.** Textbook. Department of Energy, Office of the Secretary. 1978. 464pp. ill. $ 6.25 ea.

Source: GPO S/N 061-000-00092-5

**MAKING THE MOST OF YOUR ENERGY DOLLARS IN HOME HEATING AND COOLING.** Booklet. Department of Commerce, National Bureau of Standards. 1975. 17pp. ill. $0.70 ea.

Source: GPO S/N 003-003-01446-0

This booklet tells you, for your climate and the type of energy used to heat and cool your house, what combinations of energy conservation improvements to invest in to get the largest long run net savings in your heating and cooling bills. It also gives you general information you should have before you invest in any energy conservation improvements. This includes tips about storm windows and

doors, weather stripping, moisture control, and insulating attics, walls, and floors.

**HOME HEATING: SYSTEMS, FUELS, CONTROLS.** Pamphlet. Department of Agriculture. Revised 1977. 24pp. ill. $1.10 ea.

Source: GPO S/N 001-000-03823-1

This pamphlet helps you select the right components for your home by discussing the pros and cons of the major types of furnaces and heat distribution systems, by showing you how to compare fuel costs, and by summarizing the operation of the various control units.

**FACT SHEET: ENERGY CONSERVATION IN THE RURAL HOME.** Department of Agriculture, Office of Governmental and Public Affairs. Government Printing Office.

Source: GPO. Also available from USDA/GPA.

This series includes the following titles:

**How To Save Money With Storm Doors And Windows.** AFS-2-3-1. 1978. 4pp. ill.
**Save Heating And Cooling Dollars With Weatherstripping And Caulking.** AFS-2-3-2. 1978. 4pp. ill.
**Tips On Financing Home Weatherization.** AFS-2-3-3. 1978. 3pp.
**Solving Moisture Problems With Vapor Barriers And Ventilation.** AFS-2- 3-4. 1978. 4pp. ill.
**Landscaping To Cut Fuel Costs.** AFS-2-3-5. 1978. 4pp. ill.
**Weatherize Your Mobile Home To Keep Costs Down, Comfort Up.** AFS-2-3- 6. 1978. 2pp.
**Keeping Home Heating And Cooling Equipment In Top Shape.** AFS-2-3- 7. 1978. 4pp.
**How To Determine Your Insulation Needs.** AFS-2-3-8. 1978. 4pp. ill.
**Home Management Tips To Cut Heating And Cooling Costs.** AFS-2-3-9. 1978. 2pp.
**How To Install Insulation For Ceilings.** AFS-2-3-10. 1979. 3pp. ill.
**How To Install Insulation For Walls.** AFS-2-3-11. 1979. 2pp. @ill.
**How To Install Insulation For The Floor And Basement.** AFS-2-3-12. 1979. 2pp. ill.
**What To Look For In Selecting Insulation.** AFS-2-3-13. 1979. 4pp. ill.
**Why Weatherize Your Home?** AFS-2-3-14. 1979. 2pp. ill.
**Locating New Home Sites To Save Fuel.** AFS-2-3-15. 1979. 2pp. ill.

**INTRODUCTION TO SOLAR HEATING AND COOLING DESIGN AND SIZING.** Department of Energy, Office of the Secretary. 1978. 502pp. ill. $6.75 ea.

Source: GPO S/N 061-000-00152-2

Designed to introduce the practical aspects of solar heating/cooling systems to heating air conditioning contractors, architects, engineers and other interested individuals, this manual was developed as part of a two-day course which travelled to all continental 48 states from 1974 to 1978. The text was prepared by noted solar energy developers to enable readers to assess potential solar heating/cooling applications in specific geographical areas, and includes tools necessary to create a preliminary design of the system and to analyze its economic benefits.

**RETROFITTING AN EXISTING WOOD-FRAME RESIDENCE FOR ENERGY CONSERVATION -AN EXPERIMENTAL STUDY.** 1978. Department of Commerce, National Bureau of Standards. 73pp. ill. $3.25 ea.

Source: GPO S/N 003-003-01885-6

Describes a study in which a wood frame house was retrofitted in three stages to reduce the energy used for heating and cooling.

## SOLAR HEATING & COOLING TECHNOLOGY

**SELLING THE SOLAR HOME: SOME PRELIMINARY FINDINGS.** Department of Housing and Urban Development. 1978. 37pp. $1.60 ea.

Source: GPO S/N 023-000-00444-5

Examines factors which influence the construction and sale of solar homes in local markets under the Residential Solar Heating and Cooling Demonstration Program.

**SOLAR MARKET: PROCEEDINGS OF THE SYMPOSIUM ON COMPETITION IN THE SOLAR ENERGY INDUSTRY.** Federal Trade Commission. 1978. 299pp. ill. $5.25 ea.

Source: GPO S/N 018-000-00216-7

**SOLAR ENERGY SCHOOL HEATING AUGMENTATION EXPERIMENT, DESIGN, CONSTRUCTION, AND INITIAL OPERATION.** National Science Foundation. 1975. 80pp. ill. $1.45 ea.

Source: NSF

**SOLAR HEATING PROOF-OF-CONCEPT EXPERIMENT FOR A PUBLIC SCHOOL BUILDING.** National Science Foundation. 1975. 84pp. ill. $2.25 ea.

Source: GPO S/N 038-000-00242-2

**SOLAR ENERGY PROJECT.** Department of Energy, Office of the Secretary.

Source: GPO

Educators can be instrumental in helping with our nation's energy future by teaching our young adults about the potential of solar energy. These books comprise a program that is designed to help teachers meet this objective. The project contains numerous activities on the topic of solar energy to be used with students in grades 7-12. For convenience each volume is punched to fit a 3 ring binder. The following are available:

**Biology.** One activity will show students a way to use some of the solar energy stored in plants to produce heat. Others will enable students to estimate their family's annual energy needs, to convert waste into fuels, and to compare the cost of using wood, oil, coal, natural gas, and electricity to produce heat. 1979. 35pp. ill. $1.70 ea. S/N 061-000-00230-8.

**Chemistry And Physics.** How many light bulbs do you think would have to be turned on to equal the energy produced by the sun? One of the activities in this book compares the sun's energy to the energy of a 100-watt light bulb. Other activities include: constructing a flat plate air flow solar collector, measur-

ing energy from the sun, measuring the heat of a solar collector, and examining the effects of surface heating. 1979. 74pp. ill. $2.20 ea. S/N 061-000-00229-4.

**Earth Science.** Building a solar still, constructing and calibrating a solar thermometer, detecting solar energy, and constructing a simple greenhouse are some of the activities covered in this volume. 1979. 91pp. ill. $2.75 ea. S/N 061-000-00231-6.

**Reader.** Provides both teachers and students with the opportunity to review a variety of representative articles on solar energy, with consideration of the sun's role in man's past, present, and future. The state-of-the-art of solar technology is examined theoretically, economically, and comparatively in light of the growing need for alternatives in a world of diminishing energy supplies. 1979. 108pp. ill. $2.75 ea. S/N 061-000-00235-9.

**Teacher's Guide.** Includes curriculum outline, background information, and hints on gathering materials. Contains diagrams and descriptions to construct a variety of instruments that measure, concentrate, or convert solar radiation. 1979. 48pp. ill. $2.20 ea. S/N 061-000-00234-1.

**Text.** The text is a compilation of background information for teachers who wish to obtain some technical information in the area of solar energy. Contains 20 sections dealing with topics ranging from the sun's composition to the legal implications of using solar energy. 1979. 102pp. ill. $2.75 ea. S/N 061-000-00233-2.

**BUYING SOLAR.** Executive Office of the President, Federal Energy Office. 71pp. ill. $1.85 ea.

Source: GPO S/N 041-018-00120-4

Solar energy for your home is here. Whether it will help you by producing real savings depends upon a number of factors, including where you live, the type of home you have or intend to build, the quality of insulation in your home, your present energy costs, and the type of solar system you purchase. Gives you information on these five factors so that you, as an informed customer, can make decisions on solar energy that are in your best interests.

**ENERGY USE AND CLIMATE, POSSIBLE EFFECTS OF USING SOLAR ENERGY INSTEAD OF STORED ENERGY.** National Science Foundation. 1975. 53pp. ill. $1.35 ea.

Source: GPO S/N 038-000-00240-6

**FUNDAMENTALS OF SOLAR HEATING.** Department of Energy, Office of the Secretary. 1978.

Source: GPO

The following titles are available:

**Correspondence Course.** 192pp. ill. $4.50 ea. S/N 061-000-00043-7.

**Study Guide.** 111pp. $3.00 ea. S/N 061-000-00168-9.

**NATIONAL SOLAR ENERGY EDUCATION DIRECTORY: FIRST EDITION.** Department of Energy, Office of the Secretary. 1979. 279pp. $5.50 ea.

Source: GPO S/N 061-000-00368-1

Presents the results of a nationwide survey conducted to obtain a data base of all solar energy-related programs and courses currently being offered by our nation's post-secondary educational institutions. Contains entries for nearly 7600 institutions which are listed alphabetically by state. Each entry includes detailed course and curriculum information.

**SELLING THE SOLAR HOME: SOME PRELIMINARY FINDINGS.** Department of Housing and Urban Development. Government Printing Office. 1978. 38pp. $1.60 ea.

Source: GPO S/N 023-000-00444-5

Discusses the marketing approaches utilized in market experiences of the Depart::.ent of Housing and Urban Development's demonstration program. Also summarizes some of the preliminary findings emerging from interviews of actual participants in the residential solar marketplace.

**SOLAR** 77. Department of Energy, Office of the Secretary. 1978. 38pp. ill. $1.80 ea.

Source: GPO S/N 061-000-00093-3

This primer presents an explanation of solar energy that nearly everyone can understand. Its point of departure is a discussion of the conservation and system features necessary for an efficient, cost effective, and comfortable solar-tempered home. The principles of solar home heating are described in easy-to-understand language, and energy efficiency is discussed and demonstrated.

**TECHNOLOGICAL ASSESSMENT OF RESIDENTIAL ENERGY CONSERVATION INNOVATIONS.** Department of Housing and Urban Development. 1975. 204pp. ill. $3.10 ea.

Source: GPO S/N 023-000-00309-1

This study examines the benefits of selected technical innovations intended to reduce residential energy consumption. Such innovations as storm doors, a furnace energy recovery device, and an open air cycle air conditioning system are analyzed.

**SOLAR ENERGY FOR HEALTH CARE INSTITUTIONS.** HRA78-618. Booklet. Department of Health, Education, and Welfare, Health Resources Administration. 1978.

Source: HEW/HRA

This booklet is designed to help health institutions begin the transition from energy derived from fossil fuels, to energy derived from the sun. Decribes solar collectors -- their functions and applications; discusses costs and possible cost-savings over a 30- year period; and gives pointers on getting ready to convert to solar energy.

**SOLAR HEATING AND COOLING OF RESIDENTIAL BUILDINGS.** Department of Commerce, Economic Development Administration. 1977.

Source: GPO

The following two books present a course to train home designers and builders in the fundamentals of solar hydronic and air systems for space heating and cooling and domestic hot water heating for residential buildings.

**Design Of Systems.** 569pp. ill. $8.25 ea. S/N 003-001-00084-4.

**Sizing, Installation, And Operation Of Systems.** 375pp. ill. $7.00 ea. S/N 003-011-00085-2.

**INTRODUCTION TO SOLAR HEATING AND COOLING DESIGN AND SIZING.** Department of Energy, Office of the Secretary. 1978. 502pp. ill. $6.75 ea.

Source: GPO S/N 061-000-00152-2

Designed to introduce the practical aspects of solar heating/cooling systems to heating air conditioning contractors, architects, engineers and other interested individuals, this manual was developed as part of a two-day course which travelled to all continental 48 states from 1974 to 1978. The

text was prepared by noted solar energy developers to enable readers to assess potential solar heating/cooling applications in specific geographical areas, and includes tools necessary to create a preliminary design of the system and to analyze its economic benefits.

**SOLAR DWELLING DESIGN CONCEPTS.** Resource Book. Department of Housing and Urban Development. 1978. 146pp. ill. $2.30 ea.

Source: GPO S/N 023-000-00334-1

This general resource book is intended for use by designers, home builders, community leaders, local officials and homeowners who are interested in the application of solar heating and cooling to residential structures or are considering participating in the federal solar energy program. Provides background information, a concise report on existing solar dwellings and systems, and list of design considerations and numerous dwelling and site design concepts which are responsive to factors such as regional housing preferences, solar energy systems and local climates and terrains.

**SOLAR ENERGY EDUCATION BIBLIOGRAPHY.** Office of Education, Energy and Education Action Center. Government Printing Office. 1979. 39pp.

Source: GPO

This publication contains a comprehensive listing of solar energy education materials prepared for the information and convenience of teachers, librarians, students and others. The materials are available on the elementary, secondary and college level and include audio-visual and printed material.

**27 ENERGY FILMS - 16MM COLOR.** DOE/OPA-0034. Department of Energy, Office of Public Affairs. Government Printing Office. 1978. 20pp. ill.

Source: DOE/PA

This publication is a selected list of 27 popular energy-related films in 11 categories: coal, conservation, environment, fusion, general, geothermal, history, nuclear, solar, space, and transportation.

**ENERGY - A FAMILY ALBUM.** 9 min., 16MM Film, Opt. Sd., Col. 1977. Sale $52.25

Source: GSA/NAC Title No. 010435/PF

Presents a history of energy in America. Details the nation's plan to keep ahead of energy demands. Also discusses alternate sources of energy such as geothermal and solar energy. Cleared for TV.

## OPTICAL TECHNOLOGY

**VISUAL RANGE: CONCEPTS, INSTRUMENTAL DETERMINATION, AND AVIATION APPLICATIONS.** Government Printing Office. 1977. 346pp. ill. $5.00 ea.

Source: GPO S/N 003-003-01782-5

A review of the principles, procedures, and instruments used in the measurement of visual range.

## MINING AND PETROLEUM TECHNOLOGY

**PETROLEUM INDUSTRY INVOLVEMENT IN ALTERNATIVE SOURCES OF ENERGY.** United States Congress. 1977. 385pp. $4.75 ea.

Source: GPO S/N 052-070-04287-7

This publication reviews the available public information regarding the domestic energy resource holdings of the nation's petroleum companies. The report also discusses the extent of research, development, and demonstration activities by various oil companies and the amount of federal support for these activities.

**ACCIDENT PREVENTION.** Booklet. Department of the Interior, Mining Enforcement and Safety Administration. 1975. 38pp. ill. $0.45 ea.

Source: GPO S/N 024-019-00013-6

This booklet describes and defines mining accidents and their causes. It also explains how an effective accident prevention program can be implemented.

**ELECTRICAL HAZARDS.** Department of the Interior, Mining Enforcement and Safety Administration. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 024-019-00027-6

Discusses the dangers presented by electricity in mines and summarizes basic safety precautions.

**JOB SAFETY ANALYSIS.** Department of the Interior, Mining Enforcement and Safety Administration. 1977. 31pp. ill. $1.60 ea.

Source: GPO S/N 024-019-00020-9

Provides an explanation of one of the approaches utilized in the prevention of accidents in and around mines.

**RADIATION HAZARD IN MINING.** Department of the Interior, Mining Enforcement and Safety Administration. 30pp. ill. $1.50 ea.

Source: GPO S/N 024-019-00025-0

This publication deals with the occurrence of lung cancer among underground miners caused by breathing radioactive dust particles known as radon daughters.

**SYSTEM SAFETY ENGINEERING.** Department of Interior, Mining Enforcement and Safety Administration. 1978. 46pp. ill. $2.00 ea.

Source: GPO S/N 024-019-00029-2

Provides an explanation of one of the approaches that can be used in the systematic prevention of mine accidents.

**TECHNOLOGICAL CHANGE AND ITS LABOR IMPACT IN FIVE ENERGY INDUSTRIES: COAL MINING; OIL AND GAS EXTRACTION; PETROLEUM REFINING; PETROLEUM PIPELINE TRANSPORTATION; ELECTRIC AND GAS UTILITIES.** Department of Labor, Bureau of Statisitcs. 1979. 64pp. ill. $2.40 ea.

Source: GPO S/N 029-001-02302-2

Appraises major technological changes emerging in coal mining, oil and gas extraction, petroleum refining, petroleum pipeline transportation, and electric and gas utilities industries; and discusses their present and potential impact on productivity and occupations.

**PLANT PERFORMANCE ON SURFACE COAL MINE SPOIL IN EASTERN UNITED STATES.** SCS-TP-155. Booklet. Joseph D. Ruffner. Department of Agriculture, Soil Conservation Service. Government Printing Office. 1978. 76pp. $3.75 ea.

Source: GPO S/N 001-007-00907-3

The Soil Conservation Service operates plant materials centers where plant specialists assemble, evaluate, select and

release for commercial production plants for specific conservation uses. SCS early recognized the need for plants to stabilize surface mine spoil. This booklet summarizes the SCS's evaluations of plant performance on coal mine spoil in Eastern United States.

**ELECTRICAL HAZARDS IN UNDERGROUND COAL MINING.** 13 min., 16MM Film, Opt. Sd., Col. 1975. Sale $75.00

Source: GSA/NAC Title No. 009797/RR

Points out some of the most prevalent electrical hazards that may be encountered in underground coal mining. Demonstrates the safe and efficient use and maintenance of various electrical equipment, machinery and installations required in the average mining operation.

Restriction: Purchaser must first request written permission from chief, Office of Audiovisuals, U. S. Department of Labor, Mine Safety and Health Administration, 4800 Forbes Avenue, Pittsburgh, PA 15313. After permission has been obtained, the purchaser should send his order to the National Audio Visual Center with the statement of approval attached.

**SUGGESTIONS FOR PROSPECTING.** Guidebook. Department of the Interior, Geological Survey. Government Printing Office. 1978. 24pp. ill.

Source: GPO S/N 024-001-03086-1

Ideas to improve one's chances of succeeding at prospecting. Includes information on prospecting techniques, geochemical prospecting, geophysical prospecting, claim to mineral discovering and exploration, services available to prospectors and a list of maps.

## NUCLEAR TECHNOLOGY

**SELECTED U. S. GOVERNMENT AUDIOVISUALS: ENGINEERING.** Catalog. General Services Administration, National Audiovisual Center. 1977. Approx. 20pp.

Source: GSA/NAC

This catalog lists audiovisual materials on engineering available from the National Audiovisual Center. The materials cover civil, mechanical, general, nuclear, environmental, marine and industrial engineering.

**NUCLEAR ENERGY RESOURCES: A GEOLOGIC PERSPECTIVE.** Handbook. Department of the Interior, Geological Survey. Government Printing Office. 1978. 15pp. ill.

Source: GPO S/N 024-001-03101-9

Discusses the exploration and use of resources needed to produce nuclear power.

**27 ENERGY FILMS - 16MM COLOR.** DOE/OPA-0034. Department of Energy, Office of Public Affairs. Government Printing Office. 1978. 20pp. ill.

Source: DOE/PA

This publication is a selected list of 27 popular energy-related films in 11 categories: coal, conservation, environment, fusion, general, geothermal, history, nuclear, solar, space, and transportation.

## RADIO AND TELEVISION PRODUCTION AND BROADCASTING TECHNOLOGY

**CAREERS IN COMMUNICATIONS MEDIA.** Guidebook. Department of Health, Education, and Welfare, Office of Education. 1975. 288pp. ill. $5.60 ea.

Source: GPO S/N 017-080-01496-3

Guidelines for instructors organizing courses for career exploration in communications; provides descriptions of various occupations in the communications field and assistance in career planning.

**IF ONE TODAY - TWO TOMORROW.** 28 Min., 16 MM Film, Opt. Sd. 1976. Sale $162.50

Source: GSA/NAC Title No. 000336/PF

Addresses the need for the worldwide use of communication technology for learning and growing as world population increases. Describes how radio, television, and communications satellite systems are used as instruments for education. Cleared for TV.

**Bibliography Series.** Library of Congress, National Library Service for the Blind and Physically Handicapped.

Source: LC/NLSBPH

The following bibliographies are available:

**Accessibility; Designing Buildings For The Needs Of Handicapped Persons.** Report No. 79-2. 1979. 17pp.
**Closed Circuit Television Reading Devices For The Visually Handicapped.** Report No. 79-3. 1979. 3pp.
**Library Service To Handicapped Persons.** 1978.
**Reading Machines For The Blind.** 1978.

**BROADCAST OPERATOR HANDBOOK.** Federal Communications Commission. 1978. 103pp. ill. $3.00 ea.

Source: GPO S/N 004-000-00329-2

Practical study guide for those interested in obtaining the Radio- Telephone Third Class Operator Permit with the endorsement to operate broadcast radio stations. Also helpful as a concise reference for those operators already active in the field of broadcasting.

## MOTION PICTURE TECHNOLOGY

**BEHIND THE SCENES: EQUAL EMPLOYMENT OPPORTUNITY IN THE MOTION PICTURE INDUSTRY, A REPORT PREPARED BY THE CALIFORNIA ADVISORY COMMITTEE TO THE UNITED STATES COMMISSION ON CIVIL RIGHTS.** Commission on Civil Rights. 1978. 48pp. $2.30 ea.

Source: GPO S/N 005-000-00178-1

Reports the findings of an investigation into the hiring practices of the motion picture industry and makes a series of recommendations.

## SAFETY AND RELATED TECHNOLOGY

**GUIDE TO FLAMMABLE PRODUCTS AND IGNITION SOURCES FOR SECONDARY SCHOOL.** Consumer Products Safety Commission. 1977. 32pp. ill. $1.60 ea.

Source: GPO S/N 052-011-00147-3

Contains information that should be taught about flammables and ignition sources and also offers ideas for activities that might be useful in teaching these facts.

**OCCUPATIONAL SAFETY AND HEALTH IN VOCATIONAL EDUCATION: A GUIDE FOR ADMINISTRATORS, FACULTY, AND STAFF.** Guidebook. Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1979. 184pp. ill. $4.25 ea.

Source: GPO S/N 017-033-00347-5

**HEALTH AND SAFETY GUIDE FOR FARM AND GARDEN MACHINERY AND EQUIPMENT MANUFACTURERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 91pp. ill. $2.60 ea.

Source: GPO S/N 017-033-00117-1

**LIGHTNING PROTECTION FOR THE FARM.** Pamphlet. Department of Agriculture, Secretary's Office and Department Service. 1978. 18pp. ill. $1.00 ea.

Source: GPO S/N 001-000-03794-3

**PESTICIDE RESIDUE HAZARDS TO FARM WORKERS, PROCEEDINGS OF WORKSHOP HELD FEBRUARY 9-10, 1976, IN SALT LAKE CITY, UTAH.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 256pp. ill. $3.25 ea.

Source: GPO S/N 017-033-00180-4

**PROTECTING CROPS AND THE ENVIRONMENT, FINDING SAFER WAYS TO CONTROL WEED, DISEASES AND NEMATODES.** Department of Agriculture. 1975. 28pp. ill. $1.10 ea.

Source: GPO S/N 001-000-03238-1

**SAFEGUARD YOUR FARM AGAINST FIRE.** Department of Agriculture. 1970. Reprinted 1976. 12pp. ill. $0.80 ea.

Source: GPO S/N 001-000-03795-1

**SINGLE ROOM OCCUPANCY: A NEED FOR NATIONAL CONCERN.** Booklet. United States Congress. 1978. 57pp. $1.90 ea.

Source: GPO S/N 052-070-04542-6

This booklet reports on a group of older Americans who live alone in single room occupancy hotels, generally located in decaying and crime ridden sections of our cities. It calls to attention the need for single room occupancy and summarizes the health, safety, and availability problems that exist.

**DESIGNING KITCHENS FOR SAFETY.** Department of Housing and Urban Development. 1976. 10pp. ill. $0.35 ea.

Source: GPO S/N 023-000-00266-3

Sets forth principles of home kitchen design that promote accessibility, utility, and safety.

**WOOD FRAME HOUSE CONSTRUCTION.** Department of Agriculture. 1975. Reprinted 1979. 223pp. ill. $4.25 ea.

Source: GPO S/N 001-000-03528-2

This compact book presents established methods and principles for constructing a wood-frame house. An easy-to-understand text combines with a series of drawings to take readers through the entire process of building a house, from excavating the site to shingling the roof. It also contains information on protecting the house against decay, termites, and fire, selecting and protecting building materials, and reducing building costs.

**PEOPLE AND FIRE: LATEST IDEAS ON FIRE SAFETY FOR HOMES, APARTMENTS AND MOBILE HOMES.** Pamphlet. Department of Housing and Urban Development. 1977. 27pp. ill. $1.40 ea.

Source: GPO S/N 023-000-00404-6

Tells you how to minimize the chance of being involved in a fire, how to avoid injury if you are involved, and how best to help persons inside burning structures. Stove fires, electrical fires, high rise fires, fire extinguishers, smoke detectors and construction and decoration materials are among the topics discussed.

**ACCIDENT PREVENTION.** Booklet. Department of the Interior, Mining Enforcement and Safety Administration. 1975. 38pp. ill. $0.45 ea.

Source: GPO S/N 024-019-00013-6

This booklet describes and defines mining accidents and their causes. It also explains how an effective accident prevention program can be implemented.

**CAUTION: INORGANIC METAL CLEANERS CAN BE DANGEROUS.** Booklet. Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 21pp. ill. $1.20 ea.

Source: GPO S/N 017-033-00108-1

A booklet for workers handling inorganic metal cleaners. Describes what they are, how they are used, and how they can cause injury.

**ELECTRICAL HAZARDS.** Department of the Interior, Mining Enforcement and Safety Administration. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 024-019-00027-6

Discusses the dangers presented by electricity in mines and summarizes basic safety precautions.

**EMPLOYEE HEALTH AND SAFETY IN THE LITHOGRAPHIC PRINTING INDUSTRY.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977. 69pp. ill. $2.10 ea.

Source: GPO S/N 017-033-00264-9

**FIRE SAFETY.** Manual. Department of the Interior, Mining Enforcement and Safety Administration. 1979. 42pp. ill. $1.10 ea.

Source: GPO S/N 024-019-00032-2

This safety manual describes and illustrates fire hazards, fire prevention, fire fighting equipment and techniques and personal fire protection equipment.

**FIRST AID.** Department of the Interior, Mining Enforcement and Safety Administration. 1980. Reprinted 1979. 66pp. ill. $2.75 ea.

Source: GPO S/N 024-019-00017-9

This publication explains first aid techniques to be used before medical help arrives. Tells how to perform critical life saving procedures and gives special measures to apply to specific injuries.

**FOREST SERVICE HEALTH AND SAFETY CODE: YOUR GUIDE TO SAFE PRACTICES.** Department of Agriculture, Forest Service. 1970. Revised 1980. 420pp. ill. $8.00 ea.

Source: GPO S/N 001-001-00527-4

**GOOD PRACTICE MANUAL FOR INSULATION INSTALLERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 35pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00236-3

Shows insulation installers how to minimize health and safety hazards to which they are occupationally exposed.

**GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977.

Source: GPO

**Safety And Health In Auto Body Repair Shops.** 1977. 34pp. ill. $1.40 ea. S/N 017-033-00257-6.

**Ways To Safety And Health For Textile Finishing Workers.** 1977. $1.50 ea. 30pp. ill. S/N 017-033-00241-0.

**GOOD PRACTICES FOR TANNERY WORKERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 22pp. ill. $0.45 ea.

Source: GPO S/N 017-033-00132-4

Illustrates healthful work techniques and describes possible hazardous conditions.

**GOOD WORK PRACTICES FOR ELECTROPLATERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977. 34pp. ill. $1.40 ea.

Source: GPO S/N 017-033-00240-1

**GUIDE TO THE WORK-RELATEDNESS OF DISEASE.** Department of Health, Education, Welfare, Public Health Sevice, National Institute of Occupational Safety and Health. 1976. 115pp. $1.90 ea.

Source: GPO S/N 017-033-00177-4

Designed to aid agencies and individuals dealing with occupational disease compensation. Presents one method of determining the work- relatedness of an individual's disease, and gives information on five disease-producing agents.

**HEALTH HAZARDS IN A FOUNDRY.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976.

Source: GPO

The following titles are available:

**Melting And Pouring Department.** 20pp. ill. $0.65 ea. S/N 017-033- 00182-1.

**Pattern Shop, Core Room, Molding Shop, And Sandhandling Department.** 36pp. ill. $0.55 ea. S/N 017-033-00181-2.

**Shakeout, Cleaning, Grinding, And Inspection Department.** 32pp. ill. $0.55 ea. S/N 017-033-00183-9.

**HOW TO GET ALONG WITH YOUR SOLVENT.** Booklet. Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1975. 68pp. ill. $1.20 ea.

Source: GPO S/N 017-033-00097-2

This booklet contains important safety instructions for employees who handle and use industrial organic cleaning fluids.

**IRRITANT EFFECTS OF INDUSTRIAL CHEMICALS, FORMALDEHYDE.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 148pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00172-3

**JOB SAFETY ANALYSIS.** Department of the Interior, Mining Enforcement and Safety Administration. 1977. 31pp. ill. $1.60 ea.

Source: GPO S/N 024-019-00020-9

Provides an explanation of one of the approaches utilized in the prevention of accidents in and around mines.

**PERSONNEL PROTECTIVE EQUIPMENT.** Department of Interior, Mining Enforcement and Safety Administration. 62pp. ill. $1.30 ea.

Source: GPO S/N 024-019-00033-1

Describes and illustrates several basic types of personnel protective equipment, and discusses how their use may be incorporated as part of an effective accident prevention program.

**PRINCIPLES AND PRACTICES OF OCCUPATIONAL SAFETY AND HEALTH STUDENT MANUAL, A PROGRAMMED INSTRUCTION COURSE.** Department of Labor, Occupational Safety and Health Administration. 1975.

Source: GPO

Six booklets are available and are issued with perforations:

**Booklet 1.** 41pp. ill. $1.60 ea. S/N 029-015-0037-6.
**Booklet 2.** 56pp. $1.05 ea. S/N 029-015-00038-4.
**Booklet 3.** 52pp. ill. $1.35 ea. S/N 029-015-00039-2.
**Booklet 4.** 100pp. ill. $1.95 ea. S/N 029-015-00041-6.
**Booklet 5.** 60pp. $1.05 ea. S/N 029-015-00041-4.
**Booklet 6.** 43pp. $1.20 ea. S/N 029-015-00042-2.

**RADIATION HAZARD IN MINING.** Department of the Interior, Mining Enforcement and Safety Administration. 30pp. ill. $1.50 ea.

Source: GPO S/N 024-019-00025-0

This publication deals with the occurrence of lung cancer among underground miners caused by breathing radioactive dust particles known as radon daughters.

**REPORT ON THE PERFORMANCE.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health.

Source: GPO

The following are available:

**Firefighters' Helmets.** 1976. 34pp. ill. $0.85 ea. S/N 017-033- 00235-5.

**Linemen's Rubber Insulation Gloves.** 1977. 18pp. $1.10 ea. S/N 017-033-00235-5.

**Men's Safety-Toe Footwear.** 1976. 25pp. $0.75 ea. S/N 017-033- 00168-5.

**Women's Safety-Toe Footwear.** 1976. 24pp. $0.75 ea. S/N 017-033- 00154-3.

**RESPIRATORY PROTECTION.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health.

Source: GPO

The following titles are available:

**Employer's Manual.** 1978. 92pp. ill. $2.30 ea. S/N 017-033-00326-2.

**Guide For the Employee.** 1978. 32pp. ill. $1.50 ea. S/N 017-033- 00327-1.

**SAFETY AND HEALTH IN ARC WELDING AND GAS WELDING AND CUTTING.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00292-4

**SAFETY AND HEALTH REGULATIONS FOR MARITIME EMPLOYMENT, PARTS 1915- 1919.** Department of Labor, Occupational Safety and Health Administration. 1974. Reprinted 1975. 108pp. ill. $1.75 ea.

Source: GPO S/N 029-015-00033-3

**SAFETY FOR TREE WORKERS.** Department of the Interior, National Park Service. 1956. Reprinted 1977. 33pp. ill. $0.55 ea.

Source: GPO S/N 024-005-00145-0

**SYSTEM SAFETY ENGINEERING.** Department of Interior, Mining Enforcement and Safety Administration. 1978. 46pp. ill. $2.00 ea.

Source: GPO S/N 024-019-00029-2

Provides an explanation of one of the approaches that can be used in the systematic prevention of mine accidents.

**ULTRA VIOLET RADIATION.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977. 6pp. ill. $0.50 ea.

Source: GPO S/N 017-033-00208-8

**URETHANE FOAMS, EMPLOYEES' GOOD PRACTICES FOR HEALTH AND SAFETY.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 76. 26pp. ill. $0.40 ea.

Source: GPO S/N 017-033-00131-6

This booklet explains the hazards of urethane foams and gives tips to help avoid risk.

**WELDING SAFETY.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1977. 8pp. ill. $0.50 ea.

Source: GPO S/N 017-033-00209-6

**WORKING SAFELY WITH ANHYDROUS AMMONIA.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1979. 24pp. ill. $1.30 ea.

Source: GPO S/N 017-033-00344-1

**WORKING SAFELY WITH FLAMMABLE AND COMBUSTIBLE LIQUIDS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1978. 29pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00332-7

**WORKING WITH SOLVENTS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health 1977. 6pp. ill. $0.50 ea.; $5.00 per 100.

Source: GPO S/N 017-033-00210-0

Warns employers and employees of the dangers inherent in solvent use.

**AVALANCHE HANDBOOK.** Agricultural Handbook 489. Ronald I. Perla and M. Martinelli, Jr. Department of Agriculture, Forest Service. 1978. 260pp. ill. $5.25 ea.

Source: GPO S/N 001-000-03876-1

This book is for ski patrollers, snow rangers, mountaineers, rescue teams, and others who encounter avalanches in work or recreation. It is suitable also for persons generally interested in mountain weather, snow, avalanches, and avalanche control. This book is meant to supplement, not substitute for field experience.

**DAY OF THE KILLER TORNADOS.** 27 min., 16MM Film, Opt. Sd., Col. 1978. Rental $12.50 Sale $156.50

Source: GSA/NAC Title No. 010659/RI

Presents the story of the day 147 deadly twisters swept through Ohio, Kentucky, and Alabama. The funnels devastated large portions of 11 states, killing 307 people in the U. S. and 8 more in Canada. Includes extensive footage of the tornados actually striking Xenia, Cincinnati, and Louisville. Also shows how warning, advance preparation, and coordination in emergency operating centers have helped to save many lives.

**WINTER STORMS - THE DECEPTIVE KILLERS.** 18 min., 2x2 Slides, Audiocassette, Col. 1978. Sale $28.25

Source: GSA/NAC Title No. 010557/RI

Describes the impact of winter storms and the potential for death and destruction. Emphasizes preparedness planning by individuals and the need for community preparedness. Illustrates safety rules for mariners, motorists, hunters, campers, and others. Provides suggestions for survival. Also defines a 'Winter Storm Warning' and a 'Winter Storm Watch'. 78 Slides. Audiocassette, 2-Track. Mono. with audible advance signals. Program script included.

**CRASH VICTIM EXTRICATION.** 2 x 2 Slides, Silent, Col. 1979. Sale $18.00

Source: GSA/NAC Title No. A01927/RI

Designed to upgrade the emergency medical technician's skill, knowledge and ability to establish priorities for removing persons from crashed vehicles. Although designed basically for EMT's, this course also meets the requirements for teaching light duty extrication methods to rescue and safety personnel. The course emphasizes the development of skills in gaining entry, freeing, and removing an injured and trapped individual. Intended audience: Rescue Squad Workers, EMT's, Firemen, Policemen. 56 Slides, 48 page instructor manual, 36 page student manual.

**BASIC FIREFIGHTER.** 154 2 x 2 Slides, Silent, Col. 1977. Sale $75.00

Source: GSA/NAC Title No. 008998/RR

Provides training requirements in basic skills for all new wildfire fighters. Offers required training for all fire line workers under the national interagency fire qualification system. Discusses basic fire organization, safety equipment, size up, line construction principles, use and maintenance of tools, mop-up, and basic woodsman skills. Also available is an instructor version, 154 - 2 x 2 slides, silent, col., title no. 002085/RR, at a sale price of $55.00 as well as a student materials version with 25 printed materials for use with media, title no. 002092/RR at a sale price of $26.00.

**CREW BOSS.** 117 2 x 2 Slides, Silent, Col. 1977. Sale $73.00

Source: GSA/NAC Title No. 008997/RR

Includes all lesson plans, tests, student exercises, and visual aids needed to conduct a course in supervisory firefighting. Shows skills of supervising, firefighter organization and the role of the crew boss in wildfire suppression. Looseleaf instructor's guide and 8 - 40 page student workbooks are included. The instructor materials consist of 117 2 x 2 slides, silent, col., title no. 001531/RR at a sale price of $58.50. The student materials are 8 printed materials for use with media, title no. 001534/RR at a sale price $27.00.

**DWI LAW ENFORCEMENT TRAINING COURSE.** Multimedia Kit. 1975. Sale $1,255.00

Source: GSA/NAC Title No. 009404/RR

Provides general patrol officers with an effective alcohol enforcement training program. Offers the student-officer pertinent, useful information which will assist him with his daily alcohol-related contact situations. Relates directly to the officer's alcohol enforcement tasks, a top priority element in the highway safety program. Includes eleven 16MM motion picutres, 61 color transparencies and 1 overlay.

**INTRODUCTION TO FIRE BEHAVIOR.** 31 2 x 2 Slides, Silent, Col. 1977. Sale $57.50

Source: GSA/NAC Title No. 008999/RR

Shows all lesson plans and visual aids for entry-level fire behavior training. Includes practical training exercises and is a prerequisite course for firefighting. Includes looseleaf instructor's guide and 10 - 73 page student workbooks. Also available separately:

**Introduction To Fire Behavior - Instructor Materials.** 31 2 x 2 Slides, Silent, Col. 1977. Title No. 001539/RR. Sale $34.50. Looseleaf instructor's guide included.

**Introduction To Fire Behavior - Student Materials.** 1977. Title No. 001540/RR. Sale $28.50. Includes 10 - 73 page student workbooks to be used with the USFS' Introduction to Fire Behavior Course.

**LEARNING FIRE WEATHER.** 14 2 x 2 Slides, Silent, Col. 1977. Sale $42.00

Source: GSA/NAC Title No. 001956/RR

Shows how to develop an understanding of metecrological conditions which contribute to forest fires. Intended for use by fire fighter trainees. 25 student textbooks included.

**THE LEGACY.** 28 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $162.50

Source: GSA/NAC Title No. 009640/RR

Explains the Total Systems approach to fire safety and building protection. Focuses on GSA's first high-rise structure to include a total fire safety system. The Seattle Federal Building shows a total sprinkler system, 2-way voice communications, voice altering systems, smoke detection equipment, automatic elevator recall and a computer system. Also shows how all elements are visually brought together with the human element.

**ORGANIZING FOR FIRE SUPPRESSION.** 104 2 x 2 Slides, Silent, Col. 1977. $86.00

Source: GSA/NAC Title No. 000002/RR

Gives a basic introduction to wild fire organization and management for all fire suppression personnel. Discusses fire suppression policy, overhead duties and responsibilities, calculation of probability, tactical and strategic principles, safety and business management. Includes instructor's guide and 25 sets of student materials. Also available separately:

**Organizing For Fire Suppression - Instructor Material.** 104 2 x 2 Slides, Silent, Col. 1977. Title No. 001492/RR. Sale $47.00. Looseleaf instructor's guide included.

**Organizing For Fire Suppression - Student Materials.** 1977. Title No. 001504/RR. Sale $58.50. 25 sets of student materials included.

**POWER SAWS.** 206 2 x 2 Slides, Audiocassette, Col. 1977. Sale $122.50

Source: GSA/NAC Title No. 008797/RR

Trains both fire and nonfire personnel in the safety efficient operation and field maintenance of the chain saw. Course performance objectives are based on the performance requirements of a chain saw operation in forest fuels and mountainous topography. The objectives, however, can be adjusted by the agency to meet those standards required in the types of fuel and topography in which the operator will be required to work. Includes 5 audiocassettes, 2-Track, Mono, with inaudible advance signals only, and 1 - 163 page looseleaf instructor's guide and 26 - 73 page student workbooks. Also available separately:

**Power Saws - Instructor Materials.** 206 - 2 x 2 Slides, Audiocassette, Col. 1977. Title No. 008798/RR. Sale $105.00. Includes 5 audio- cassettes, 2-Track, Mono, with inaudible advance signal only. 1 - 63 page looseleaf instructor's guide included.

**Power Saws - Student Materials.** 1977. Title No. 008799/RR. Sale $22.00. Includes 25 of the 73-page student workbooks.

**TEN STANDARD FIRE FIGHTING ORDERS.** 11 2 x 2 Slides, Silent, Col. 1977. Sale $73.00

Source: GSA/NAC Title No. 001976/RR

Trains firefighters how to know and apply the ten standard orders to fire situations. 25 student textbooks included.

**REDISCOVERY - A SERIES.** 5 16 MM Films, Opt. Sd. 1975. Sale $417.75

Source: GSA/NAC

Discusses natural and man-made disasters. Features NASA's contribution of providing vital information to reduce casualties and property loss. Cleared for non-sponsored TV.

**Earthquake Below** 15 min.
**Flood Below** 14 min.
**Hurricane Below** 14 min.
**Pollution Below** 14 min.
**Tornado Below** 15 min.

**DOUBLE-EDGED SWORD, THE.** 23 min., 16MM Film, Opt. Sd., Col. 1976. Sale $133.50

Source: GSA/NAC Title No. 007825/RR

Discusses radiation safety for users of analytical x-ray equipment. Uses interviews with victims for first-hand accounts of accidents, and photographs from medical records to show the injuries that result. Cleared for non-sponsored TV.

**ELECTRICAL HAZARDS IN UNDERGROUND COAL MINING.** 13 min., 16MM Film, Opt. Sd., Col. 1975. Sale $75.00

Source: GSA/NAC Title No. 009797/RR

Points out some of the most prevalent electrical hazards that may be encountered in underground coal mining. Dem-

onstrates the safe and efficient use and maintenance of various electrical equipment, machinery and installations required in the average mining operation.

Restriction: Purchaser must first request written permission from chief, Office of Audiovisuals, U. S. Department of Labor, Mine Safety and Health Administration, 4800 Forbes Avenue, Pittsburgh, PA 15313. After permission has been obtained, the purchaser should send his order to the National Audio Visual Center with the statement of approval attached.

**EMPLOYER-EMPLOYEE RIGHTS AND RESPONSIBILITIES UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT.** 62 min., 2 x 2 Slides, Audiocassette, Col. 1976. Sale $28.50

Source: GSA/NAC Title No. 009862/RR

Discusses the Occupational Safety and Health Act and the rights and responsibilities of both employer and employee. 50 Slides, 2 Audiocassettes, 2-Track, Mono, with audible and inaudible advance signals. Instructor's manual included.

**FOUNDRY SAFETY AND HEALTH TEST.** 28 min., 16MM Film, Opt. Sd., Col. 1977. Rental $12.50 Sale $162.50

Source: GSA/NAC Title No. 010170/RR

Presents 19 hazardous situations in foundry operations and asks viewers to answer questions about the hazards. Presents solutions using scenes from actual foundry operations. Instructor's guide included.

**HAZARD RECOGNITION - A SERIES.** 5 2 x 2 Slide Sets, Audiocassette, 1977. Sale $130.00

Source: GSA/NAC Title No. 007519/RR

Shows the potential dangers associated with common situations present in many work locations: ladders, scaffolds, trenches, and walking and working surfaces. The following are available:

**Ladders** 9 min.
**Scaffolds** 14 min.
**Trenching** 20 min.
**Ventilation** 37 min.
**Walking and Working Surfaces** 14 min.

**LONGSHORE SAFETY AND HEALTH - A SERIES.** Multimedia Series. 1976. Sale $577.25

Source: GSA/NAC Title No. 008614/RR

**Barge Operation, The** 19 min.
**Barge Worker, The** 18 min.
**Break Bulk Operation, The** 18 min.
**Carpenter, The** 14 min.
**Container Operation, The** 20 min.
**Crane Operator, The** 13 min.
**Container Straddle Truck Operator, The** 30 min.
**Forklift Operator, The** 25 min.
**Grain Operation, The** 13 min.
**Holdman, The** 22 min.
**Hook Up Man, The** 13 min.
**Lash Operation, The** 18 min.
**Log Operation, The** 19 min.
**Roll-on Roll-off Operation, The** 30 min.
**Semi-Tractor Operator, The** 14 min.
**Stuffer and Stripper, The** 15 min.
**Winchman and the Hatchtender, The** 16 min.

**EMERGENCY ACTION GUIDE FOR SELECTED HAZARDOUS MATERIALS.** Booklet. Department of Transportation, Research and Special Programs Administration and National Highway Traffic Safety Administration. Government Printing Office. 1978. 75pp.

Source: GPO S/N 050-003-00342-5

This guide was prepared to help emergency service personnel during the first 30 minutes of an incident involving a spill of a volatile, toxic, gaseous and/or flammable material that is shipped in bulk. General and specific safety procedures to follow are provided in spill guides arranged alphabetically by hazardous material.

**A NEW LOOK AT PEDESTRIAN SAFETY.** Pamphlet. Department of Transportation, National Highway Traffic Safety Administration. 1975. 16pp.

Source: DOT/NHTSA

The purpose of this booklet is to bring forward basic, vital facts about the pedestrian safety problem and to present a means for considering various countermeasures that can help resolve it.

**CHEMICAL DATA GUIDE FOR BULK SHIPMENT BY WATER.** Department of Transportation. 1976. 317pp. $4.25 ea.

**Source: GPO S/N 050-012-00117-1**

An alphabetical listing of over 250 chemicals, providing information on fire and explosion hazards, health hazards, reactivity, and spill or leak procedures.

**SAFETY MANUALS.** Department of the Interior, Mining Enforcement and Safety Administration.

Source: GPO

These two booklets are part of a series of safety manuals prepared by the National Mine Health and Safety Academy to acquaint industrial workers with job safety and accident prevention. The information they contain will be useful to miners and non-miners alike.

**86V9 Personal Protective Equipment.** 1979. 62pp. ill. $1.30 ea. S/N 024-019-00033-1. It introduces several basic types of personal protective equipment and describes how their use may be incorporated as a part of an effective accident prevention program.

**87V9 Fire Safety.** 1979. 42pp. ill. $1.10 ea. S/N 024-019-00032- 2. Deals with hazards associated with fires, as well as fire prevention.

**SAFETY ON STAIRS.** Department of Commerce, National Bureau of Standards. 1979. 120pp. ill. $3.00 ea.

Source: GPO S/N 003-003-02026-5

Most U.S. homes contain stairways, many of which are hazardous and account for numerous accidents each year. This report presents the results of a pilot study which focused on stairway use and behavior and an inventory of residential stairways.

**SMOKE DETECTOR PUBLIC EDUCATION MANUALS.** Department of Commerce. 1977.

Source: GPO

The following five publications help local fire prevention groups develop programs to increase community awareness

of the benefits and use of smoke detectors. Included in the series are:

**Smoke Detector Resource Catalog.** 39pp. $1.70 ea. S/N 003-000- 00524-1. A fact sheet on smoke detectors, guides to finding smoke detector materials, case histories of successful programs and evaluation techniques.

**Smoke Detectors: Moving The Public.** 30pp. $1.40 ea. S/N 003-000- 00523-2. Suggests ways to involve community organizations and the media in supporting smoke detector programs.

**Smoke Detector Technology.** 21pp. ill. $1.10 ea. S/N 003-000- 00526-7. A detailed description of smoke detector operation, selection, installation, and maintenance.

**Smoke Detectors and Legislation.** 60pp. $1.60 ea. S/N 003-000- 00527-5. An in-depth review of the current status of state and local smoke detector legislation.

**Smoke Detector Training.** 43pp. ill. $1.60 ea. S/N 003-000-00529-1. A suggested curriculum for training members of the fire prevention community to present smoke detector education to the public.

**FIRE SAFETY TRAINING WORKBOOK.** Department of Commerce. 1978. 34pp. $1.40 ea.

Source: GPO S/N 003-000-00534-8

The workbook was developed as a teaching aid for a course in household fire safety. Contains lesson plans and questions following each section.

**LEAD PAINT POISONING.** Film. 7 min. Department of Commerce, National Bureau of Standards. 1978. Free.

Source: DOC/NBS

Lead paint poisoning is a serious problem, particularly in older, dilapidated housing. This film briefly describes the problem and non-destructive methods of determining the level of lead in paint. Produced for health and housing officials, urban developers, local government groups, and parent-teacher associations.

**EXTREME WIND STUDY.** Film. 18 min. Department of Commerce, National Bureau of Standards. 1975. Free.

Source: DOC/NBS

Low-rise buildings are particularly susceptible to damage by hurricanes, typhoons, and cyclones. In order to develop criteria for these buildings, the National Bureau of Standard's Center for Building Technology collected wind data from full scale buildings in the Philippines. With their frequent severe storms, these islands served as a natural laboratory. The field data were applied to creating experimental procedures in a wind tunnel for improving building construction. The project was sponsored by the Agency for International Development.

**SAFETY AND HEALTH IN AUTOBODY REPAIR SHOPS: GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Service. 1977. 34pp. ill. $1.40 ea.

Source: GPO S/N 017-003-00048-4

**SAFETY AND HEALTH IN ARC WELDING AND GAS WELDING AND CUTTING.** Department of Health, Education, and Welfare, Public Health Service. 1978. 52pp. ill. $2.00 ea.

Source: GPO S/N 017-033-00292-4

**SAFETY IN THE SCHOOL SCIENCE LABORATORY: INSTRUCTOR'S RESOURCE GUIDE.** Department of Health, Education, and Welfare, Public Health Service. 1977. 455pp.

Source: HEW/PHS

**THE WAY TO SAFETY AND HEALTH FOR TEXTILE FINISHING WORKERS: GOOD PRACTICES FOR EMPLOYEES.** Department of Health, Education, and Welfare, Public Health Services. 1977. 30pp. ill. $1.50 ea.

Source: GPO S/N 017-033-00241-0

**TAKEOFFS AND LANDINGS.** 13 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $75.50

Source: GSA/NAC Title No. 009524/PF

Points out proper safety techniques and procedures to employ while taking off and landing light aircraft in potentially hazardous situations.

This production comprises three separate single concept films-- *Softfields - Takeoffs And Landings, Short Fields - Takeoffs And Landings, Crosswind - Takeoffs And Landings.* Cleared for non-sponsored TV.

**TORNADO BELOW.** 15 min., 16 MM Film, Opt. Sd., Col. 1975. Sale $87.00

Source: GSA/NAC Title No. 009214/PF

Involves a young female student pilot who almost gets caught in the path of a tornado on her first solo flight. Explains how tornados are formed, their characteristics, and the destruction they cause. Also relates to work being done in the laboratory to better understand the dreaded phenomenon and the importance of information from early warning weather satellites in an attempt to reduce casualties from the 'Tornado Below'. From the Rediscovery Series. Other Format(s) or Version(s): 15 min., 1/2 in. Videocassette, Col. (VHS) 1975. Title No. A01531/PF. Sale $80.00. 15 min. 3/4 in. Videocassette, Col. 1975. Title No. 010220/PF. Sale $79.00.

**LEGACY, THE** 28 min., 16MM Film, Opt. Sd., Col. 1975. Rental $12.50 Sale $162.50

Source: GSA/NAC Title No. 009640/PF

Explains the total systems approach to fire safety and building protection. Focuses on GSA's first high-rise structure to include a total fire safety system, The Seattle Federal Building. Shows a total sprinkler system, 2-way voice communications, voice alerting systems, smoke detection equipment, automatic elevator recall, and a computer system. Also shows how all elements are visually brought together with the human element.

**WORLD WITHIN A WORLD - A SERIES.** 1 16MM Film, Opt. Sd., 1978. Sale $139.25

Source: GSA/NAC Title No. A00235/PF

Demonstrates safe operation of a Class IV Containment Facility. Describes principles of, equipment, and procedures used in the operation of a Class IV to handle virulent viruses and hazardous DNA safety. Audience: Those interested in maximum laboratory containment of high risk DNA studies. Other Format(s) or Version(s): 1 - 3/4 in. Videocassette. 1978. Sale $100.00. Title No. A00236/PF.

**EVALUATING YOUR FIRM'S INJURY AND ILLNESS RECORD.** Report 557. Booklet. Department of Labor, Bureau of Labor Statistics. 1979. 8pp.

Source: DOL/BLS

Provides a formula for computing an incidence rate of occupational injuries and illnesses and explains what the outcome means.

**AGRICULTURAL MACHINE GUARDING STANDARDS REQUIREMENTS.** 20 min., 2 x 2 Slides, Audiocassette, Col. 1976. Sale $27.75

Source: GSA/NAC Title No. 008426/PF

Aims to make farmers aware of hazards and to protect them from hazards associated with machinery, parts of farm field equipment, farmstead equipment, and cotton gins used in agricultural operations. Stresses the importance of safe operating procedures. 61 Slides, 1 Audiocassette. 2-Track, Mono., with audible and inaudible advance signals. 1 book, 1 memo, and 1 pamphlet included. Produced in cooperation with the U.S. Department of Agriculture, Extension Service. From the Agricultural Safety Standards Series. Cleared for TV.

**FLASHOVER: POINT OF NO RETURN.** Film. 12 mins. 1978. Free. Department of Commerce, National Bureau of Standards.

Source: DOC/NBS

The film describes the nature of flashover and fire and the threat they impose on patients in hospitals, nursing homes, and other health care facilities. The program is based on detailed studies of actual fires and analyses of full-sized fire tests conducted at the National Bureau of Standards and other research laboratories. The film combines views of these fire tests with carefully drawn art work of fire and dramatization of a true life story in a nursing home. Produced for hospital and nursing home staffs and administrators, and other public health officials.

**HELP IS N.E.A.R.** 33 min, 16MM Film, Opt. Sd., Col. 1979. Sale $191.00

Source: GSA/NAC Title No. A01422

Dramatizes several common highway related emergency situations and demonstrates how the citizens band channel 9 monitor can cut response time. N.E.A.R. is The National Emergency and Radio Program, which was developed to provide training and coordinate activities of volunteer and public safety agency emergency channel 9 monitors with the activities of the established emergency response system. Describes how N.E.A.R. provides the vitally important link between citizens at large and the emergency response system. Guides are included.

## DATA PROCESSING TECHNOLOGY

**COMPUTER NETWORK PROTOCOL FOR LIBRARY AND INFORMATION SCIENCE APPLICATIONS.** Government Printing Office. 1977. 90pp. ill. $2.75 ea.

Source: GPO S/N 052-003-00601-4

**INTRODUCTION TO MINICOMPUTERS IN FEDERAL LIBRARIES.** Library of Congress. 1978. 155pp. ill. $3.25 ea.

Source: GPO S/N 030-000-00097-8

**TECHNICAL PROFILE OF SEVEN DATA ELEMENT DICTIONARY/DIRECTORY SYSTEMS.** Booklet. Department of Commerce, National Bureau of Standards. 1977. 38pp. $1.60 ea.

Source: GPO S/N 003-003-01725-6

A Data Element Dictionary/Directory is a software tool that provides a central repository for information about data resources across organizations and application lines and that can be used to control and manage data elements in a uniform manner. This booklet describes and classifies these systems and discusses the potential benefits of their use.

**COMMON COMMAND LANGUAGE FOR FILE MANIPULATION AND NETWORK JOB EXECUTION: AN EXAMPLE.** Booklet. Department of Commerce, National Bureau of Standards. 1978. 27pp. $1.50 ea.

Source: GPO S/N 003-003-01965-8

The capability for sharing resources across many diverse computer systems is inhibited by the large number of command languages and protocols being used by computer technology. This booklet presents a general approach to solving this problem using an intermediary system to support a set of common commands for file manipulation and network job execution.

**INDUSTRY WAGE SURVEY: COMPUTER AND DATA PROCESSING SERVICES, MARCH 1978.** Bulletin 2028. Department of Labor, Bureau of Labor Statistics. 1979. 51pp. $2.50 ea.

Source: GPO S/N 029-001-02319-7

This bulletin summarizes the results of a first-time Bureau of Labor Statistics survey of occupational wages and supplementary benefits in the computer and data processing services industries in March 1978.

## ARGICULTURAL TECHNOLOGY

**BEEF CATTLE BREEDING.** Department of Agriculture. 1977. 76pp. ill. $2.10 ea.

Source: GPO S/N 001-000-03744-7

**SERIALS CURRENTLY RECEIVED BY THE NATIONAL AGRICULTURAL LIBRARY, 1975, A KEYWORD INDEX.** Department of Agriculture, National Agricultural Library. 1976. $15.00 ea.

Source: GPO S/N 001-002-00076-7

**AGRICULTURAL ECONOMICS RESEARCH.** Quarterly Periodical. Government Printing Office. $6.50/year.

Source: GPO Symbol AGER

Contains papers relating to economic and statistical research in agriculture by Government bureaus and other cooperating agencies.

**FIRE RESISTANT CONSTRUCTION OF THE HOME, OF FARM BUILDINGS.** Department of Agriculture. 1967. Reprinted 1976. 18pp. ill. $0.35 ea.

Source: GPO S/N 001-000-00080-2

**FOUNDATIONS FOR FARM BUILDINGS.** Department of Agriculture. 1970. Reprinted 1976. 32pp. ill. $0.45 ea.

Source: GPO S/N 001-000-00016-1

**HEALTH AND SAFETY GUIDE FOR FARM AND GARDEN MACHINERY AND EQUIPMENT MANUFACTURERS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1976. 91pp. ill. $2.60 ea.

Source: GPO S/N 017-033-00117-1

**SOIL, WATER, AIR SCIENCES RESEARCH: ANNUAL REPORT.** Department of Agriculture, Soil Conservation Service. 1978. 270pp. $4.75 ea.

Source: GPO S/N 001-007-00902-2

Publication discusses the improvement of management of natural resources, and includes investigations on salt damage to crops, soils and waters; irrigation and drainage; tillage practices; solar and wind energy and precipitation; revegetation and reclamation of land areas disturbed by man; soil fertility; environmental pollution control, water yields, sediment amounts and sources, and agricultural chemical loadings in streams and rivers; and flooding, reservoir sedimentation, soil erosion, and chemical transport by wind and water.

**SOLAR GRAIN DRYING: PROGRESS AND POTENTIAL.** Department of Agriculture. 1976. 13pp. ill. $1.00 ea.

Source: GPO S/N 001-000-03632-7

**DRAINAGE MANUAL.** Guidebook. Department of the Interior, Bureau of Reclamation. 1978. 286pp. ill. $7.25 ea.

Source: GPO S/N 024-003-00117-1

This manual is an engineer's guide to integrating plant, soil, and water relationships for proper drainage of irrigated lands. It contains the engineering tools and concepts that have proven useful in planning, constructing, and maintaining drainage systems for successful long-term irrigation projects.

**AGRICULTURAL MACHINE GUARDING STANDARDS REQUIREMENTS.** 20 min., 2 x 2 Slides, Audiocassette, Col. 1976. Sale $27.75

Source: GSA/NAC Title No. 008426/PF

Aims to make farmers aware of hazards and to protect them from hazards associated with machinery, parts of farm field equipment, farmstead equipment, and cotton gins used in agricultural operations. Stresses the importance of safe operating procedures. 61 Slides, 1 Audiocassette. 2-Track, Mono., with audible and inaudible advance signals. 1 book, 1 memo, and 1 pamphlet included. Produced in cooperation with the U.S. Department of Agriculture, Extension Service. From the Agricultural Safety Standards Series. Cleared for TV.

**CALIBRATION OF PESTICIDE APPLICATION EQUIPMENT.** 30 min., 2 x 2 Slides, Audiocassette, Col. 1975. Sale $38.50

Source: GSA/NAC Title No. 008155/PF

Discusses the principles of calibration of application equipment, including the care of nozzles, gauges, and tubes. Gives examples of calibration spray mechanisms for both solid and liquid formulations of pesticides. 144 Slides. 1 Audiocassette, 2-Track, Mono., with audible advance signals. Script included. From the Colorado State University Pesticide Training Series.

**INTEGRATED PEST MANAGEMENT - ALFALFA SEED CROPS.** 19 min., 16MM Film, Opt. Sd., Col. 1979. Sale $110.25

Source: GSA/NAC Title No. A01657/PF

Reviews the principle of integrated pest management. Several Northwest alfalfa seed growers explain experiences with integrated pest management. Location filming places action in network of day-to- day farming. Sampling, decision making, proper chemical use, and record keeping are emphasized. Audience: Agriculture classes, growers, colleges, and adult. Cleared for TV.

**PEST MANAGEMENT - A SERIES.** 8 16MM Films, Opt. Sd. 1976. Sale $858.50

Source: GSA/NAC Title No. 010196/PF

Shows experimental and research techniques employed in eight different states for the management of crop parasites. Highlights the efforts of the Extension Service of the Department of Agriculture.

**Pest Management - California** 20 Min.
**Pest Management - Texas** 19 Min.
**Pest Management - Michigan** 20 Min.
**Pest Management - Indiana** 10 Min.
**Pest Management - Oklahoma** 20 Min.
**Pest Management - Ohio** 22 Min.
**Pest Management - No. Carolina** 23 Min.

**REPLENISHING UNDERGROUND WATER SUPPLIES ON THE FARM.** Department of Agriculture. 1976. 8pp. ill. $0.35 ea.

Source: GPO S/N 001-000-03525-8

## EDUCATIONAL MEDIA TECHNOLOGY

**EDUCATION MEDIA TECHNICIAN, A SUGGESTED TWO YEAR POST HIGH SCHOOL CURRICULUM.** Department of Health, Education, and Welfare, Office of Education. 1975. Reprinted 1977. 136pp. ill. $2.00 ea.

Source: GPO S/N 017-080-01424-6

Outlines a curriculum designed to train educational media technicians for responsible technical positions in modern industry. The curriculum provides students with a broad overview of educational media. The book also contains suggestions about instructional materials, laboratory equipment and facilities, and about selecting faculty and students.

**CAREERS IN COMMUNICATIONS MEDIA.** Guidebook. Department of Health, Education, and Welfare, Office of Education. 1975. 288pp. ill. $5.60 ea.

Source: GPO S/N 017-080-01496-3

Guidelines for instructors organizing courses for career exploration in communications; provides descriptions of various occupations in the communications field and assistance in career planning.

**PHOTONOVEL: A TOOL FOR DEVELOPMENT.** Manual. Action, Peace Corps. 1976. 105pp. ill. $2.20 ea.

Source: GPO S/N 056-000-0014-3

Originally published as a training manual for Peace Corps personnel, this book serves the general public as an introductory textbook on the preparation of photonovels with dialogue balloons superimposed over the photos to express the speech of the characters. Easy to read and combining many of the communicatory advantages of comic books, films, and novels, the photonovel has been found to be an especially effective educational medium in semi-literate and low- and middle-income applications. This manual provides a step-by-step guide to the production of photonovels, summarizing a wealth of graphic, photographic, and printing information, and includes an entire photonovel as an example.

**NATIONAL INVENTORY OF LIBRARY NEEDS, 1975, RESOURCES NEEDED FOR PUBLIC AND ACADEMIC LIBRARIES AND PUBLIC SCHOOL LIBRARY/MEDIA CENTERS.** Government Printing Office. 1977. 277pp. ill. $3.60 ea.

Source: GPO S/N 052-003-00328-7

**ROLE OF THE SCHOOL LIBRARY MEDIA PROGRAM IN NETWORKING.** Government Printing Office. 1979. $2.75 ea.

Source: GPO S/N 052-003-00622-7

**AIDS TO MEDIA SELECTION FOR STUDENTS AND TEACHERS.** Department of Health, Education, and Welfare, Office of Education. Revised 1976. 128pp. $2.00 ea.

Source: GPO S/N 017-080-01563-3

This edition of *Aids to Media,* which revises and combines the 1971 edition and its supplements, is a selected list of bibliographies and journals that review books, periodicals, and audiovisual materials of relevance for elementary and secondary school instructional programs.

**REFERENCE CIRCULAR SERIES.** Library of Congress, National Library Service for the Blind and Physically Handicapped.

Source: LC/NLSBPH

The following titles are available:

**Braille Instruction And Writing Equipment.** Report No. 77-1. 1978. 49pp.
**Information For Handicapped Travelers.** 1979.
**Magazines In Special Media.** 1978.
**National Organizations Concerned With Visually And Physically Handicapped Persons.** 1979.
**Reading, Writing, And Other Communication Aids For Visually And Physically Handicapped Persons.** Report No. 78-4. 1978. 49pp.
**Sports And Games For Handicapped Persons.** 1979.
**Subject Guide To Spoken Word Recordings.** 1978.

**Bibliography Series.** Library of Congress, National Library Service for the Blind and Physically Handicapped.

Source: LC/NLSBPH

The following bibliographies are available:

**Accessibility; Designing Buildings For The Needs Of Handicapped Persons.** Report No. 79-2. 1979. 17pp.
**Closed Circuit Television Reading Devices For The Visually Handicapped.** Report No. 79-3. 1979. 3pp.
**Library Service To Handicapped Persons.** 1978.
**Reading Machines For The Blind.** 1978.

**VISUAL AIDS.** Program and Training Journal Reprint Series No. 2. Peace Corps Information Collection and Exchange. 1977. 20pp. ill. $5.00 ea.

Source: ACTION

Provides various examples of visual aid media including flashcards, pamphlets, posters, flannelgraph, silk screen printing, movies, photographs, blackboard, bulletin board, puppets and slides. For each visual aid, includes suggestions for ensuring maximum effective usage and obtaining or developing materials locally.

# VOCATIONAL EDUCATION

**DEVELOPMENT OF INDIVIDUALIZED EDUCATION PROGRAMS (IEP) FOR THE HANDICAPPED IN VOCATIONAL EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1979. 60pp. $2.40 ea.

Source: GPO S/N 017-080-01954-0

Addresses the specifics of the laws, provides an analysis of literature sources relating to the development and implementation of the IEP in vocational education, and discusses the implications of the findings for vocational education at state and local levels.

**LEAST RESTRICTIVE ALTERNATIVE FOR HANDICAPPED STUDENTS.** Department of Health, Education, and Welfare, Office of Education. 1979. 40pp. $1.80 ea.

Source: GPO S/N 017-080-01953-1

Describes the least restrictive alternative to the vocational education of people with handicaps.

**OCCUPATIONAL SAFETY AND HEALTH IN VOCATIONAL EDUCATION: A GUIDE FOR ADMINISTRATORS, FACULTY, AND STAFF.** Guidebook. Department of Health, Education, and Welfare, Public Health Service, National Institute of Occupational Safety and Health. 1979. 184pp. ill. $4.25 ea.

Source: GPO S/N 017-033-00347-5

**INTRODUCTION TO THE VOCATIONAL REHABILITATION PROCESS: A TRAINING MANUAL.** Department of Health, Education, and Welfare, Social and Rehabilitation Service Administration. 1976. 201pp. ill. $3.30 ea.

Source: GPO S/N 017-061-00021-6

**OUTDOOR CLASSROOMS ON SCHOOL SITES.** Department of Agriculture. 1976. 22pp. ill. $0.50 ea.

Source: GPO S/N 001-000-01458-7

This book gives information on developing an outdoor classroom and includes many photographs illustrating ideas for students in outdoor classrooms. It contains many ideas that will be of special interest to teachers and school administrators.

**DECISION POINTS IN DEVELOPING NEW PRODUCTS.** Small Business Administration. 1976. 64pp. ill. $1.50 ea.

Source: GPO S/N 045-000-00146-6

**IMPROVING OCCUPATIONAL PROGRAMS FOR THE HANDICAPPED.** Department of Health, Education, and Welfare, Office of Education. 1976. 227pp. ill. $2.85 ea.

Source: GPO S/N 017-080-01637-1

Discusses practical methods for helping the handicapped gain employment. Advice is provided on: designing and setting up an education/training program; reaching and selecting students; preparing for specific skill training, vocational training, and supportive and social services; and transition to the work world, job placement, and follow-up. Includes a program evaluation checklist, a variety of program abstracts, and a sampling of case studies.

**CAREER EDUCATION AND VOCATIONAL EDUCATION, SIMILARITIES AND CONTRASTS.** Department of Health, Education, and Welfare, Office of Education. 1977. 19pp. $1.10 ea.

Source: GPO S/N 017-080-01742-3

**OCCUPATIONAL TRAINING IN SELECTED METALWORKING INDUSTRIES, 1974: A REPORT ON A SURVEY OF SELECTED OCCUPATIONS.** Department of Labor, Bureau of Labor Statistics. 52pp. ill. $2.20 ea.

Source: GPO S/N 029-001-02127-5

**ON-THE-JOB TRAINING: CETA PROGRAM MODELS.** Department of Labor. Revised 1978. 39pp. ill. $1.80 ea.

Source: GPO S/N 029-000-00334-3

**VOCATIONAL/TECHNICAL: A SELECT LIST OF U. S. GOVERNMENT PRODUCED AUDIOVISUAL MATERIALS - 1978/79.** Catalog. General Services Administration, National Audiovisual Center. 1979. 56pp.

Source: GSA/NAC

This catalog features a select list of available materials from the National Audiovisual Center on vocational and technical instruction and training. Includes order/purchase forms.

**VOCATIONAL EDUCATION AND TRAINING FOR THE NON-HANDICAPPED: A BIBLIOGRAPHY WITH ABSTRACTS.** A. Young. National Technical Information Service. 1978. 194pp. $28.00 ea.

Source: NTIS NTIS/PS-78/0315

Included are evaluations of technical schools or curricula. The evaluations are developed from the standpoint of both the industry's and the individual's needs. The reports abstracted cover programs aimed at the hardcore unemployed and the socially and economically disadvantaged.

**BIBLIOGRAPHY OF SECONDARY MATERIALS FOR TEACHING HANDICAPPED STUDENTS.** President's Committee on Employment of the Handicapped. 1979. Approx. 30pp.

Source: PCEH

Contains titles of materials dealing with the delivery of special educations, vocational educations, and industrial arts services to the handicapped.

**DOZENS OF WAYS TO MAKE MONEY.** 1 Cassette: C-90; 15/16 IPS.; 4 Track. RC. Yvonne Michie Horn. Library of Congress, National Library Service for the Blind and Physically Handicapped. 1977.

Source: LC/NLSBPH RC 12292

A clever guide to money-making ventures; includes tips on becoming one's own boss, advertising, initial supplies, and methods of operation. For junior and senior high readers.

**NEW OUTLOOKS FOR VOCATIONAL EDUCATION.** T. H. Bell. Department of Health, Education, and Welfare, Office of Education. 1976. 9pp.

Source: HEW/OE

**PLANNING AND CONDUCTING A PROGRAM OF INSTRUCTION IN VOCATIONAL AGRICULTURE FOR YOUNG FARMERS: SUGGESTIONS FOR TEACHERS AND SCHOOL ADMINISTRATORS IN DEVELOPING EDUCATIONAL PROGRAMS FOR OUT-OF-SCHOOL YOUNG FARMERS.** Department of Health, Education, and Welfare, Office of Education. 1978. 81pp.

Source: HEW/OE

**WOMEN IN VOCATIONAL EDUCATION.** Evelyn R. Kay. Department of Health, Education, and Welfare, Education Division. 1978. 9pp. $0.90 ea.

Source: GPO S/N 017-080-01895-1

**STEPS TOWARD SEX EQUITY IN VOCATIONAL EDUCATION: AN INSERVICE TRAINING DESIGN.** Joyce Kaser, Martha Matthews, and Shirley McCune. Department of Health, Education, and Welfare, Office of Education. 1978. 235pp. $4.50 ea.

Source: HEW/OE

**ENERGY-RELATED ACTIVITIES IN TWO-YEAR POST-SECONDARY VOCATIONAL TECHNICAL INSTITUTIONS: A REPRESENTATIVE SAMPLING BY STATE.** DOE/IR 0050. Mayme R. Crowell. Department of Energy, Office of Education, Business and Labor Affairs. 1978. 87pp.

Source: DOE/IIR

This report describes the procedures and findings of a peer-to-peer telephone information exchange between the Education Programs Division and various vocational-technical schools throughout the U. S. The purpose of the study was to assess the state of the art of energy education activities within 2-year post-secondary education institutions.

**PUT WINGS ON YOUR CAREER.** 15 min., 16 MM Film, Opt. Sd., Col. 1978. Sale $87.00

Source: GSA/NAC Title No. A00119/PF

Illustrates the diversity of jobs associated with aviation maintenance both in government and private industry. Outlines the basic technical requirements and points interested people in the right direction for more specific career information. Audience: Secondary schools, vocational schools, high schools, and junior highs. Cleared for TV.

**ERIC, IT'S THAT EASY.** 15 min., 3/4 in. Videocassette, Col. 1978. Sale $50.00

Source: GSA/NAC Title No. A01306

Tells what the Eric System is, and how it is useful to research efforts. Audience: Educational and library. Other Format(s) or Version(s): 15 min., 1 in. Videotape, Col. 1978. Title No. A01977/PF. Sale $80.00.

**EMPLOYMENT AND TRAINING ADMINISTRATION PUBLICATIONS AVAILABLE FROM DEPARTMENT OF LABOR WAREHOUSE.** Catalog. Department of Labor, Employment and Training Administration. 1978. 19pp.

Source: DOL/ETA

**JOBS FOR WHICH YOU CAN QUALIFY IF YOU'RE NOT A HIGH SCHOOL GRADUATE.** Pamphlet. Department of Labor, Bureau of Labor Statistics. Government Printing Office. 1979. Approx. 20pp. $1.75 ea.

Source: GPO S/N 029-001-02449-5

Contains a list of occupations for which a high school diploma is not required; highlights the job qualifications and employment outlook for each.

**MATCHING PERSONAL AND JOB CHARACTERISTICS.** Booklet. Kathy Wilson. Department of Labor, Bureau of Labor Statistics. 13pp. $1.25 ea.

Source: GPO S/N 029-001-02274-3. Also available from DOL/BLS.

A reprint from the Fall 1978 *Occupational Outlook Quarterly,* the U.S. Department of Labor's career guidance magazine. Listed and defined in this booklet are 23 occupational characteristics and requirements which are matched in the chart that follows with 281 occupations chosen from the *1978 - 79 Occupational Outlook Handbook.* This table is designed as an exploratory tool to help you compare personal interests, capacities, abilities, and educational qualifications with characteristics usually associated with an occupation or group of occupations.

**MANPOWER MAGAZINE.** Monthly Periodical. Department of Labor, Manpower Administration. $15.30/year.

Source: GPO

This is the official journal of the Manpower Administration; past issues have covered topics such as basic education and job training, public service jobs, technical education and careers in industry. Book reviews and lists of publications are usually included.

**WORKLIFE.** Monthly Periodical. Department of Labor, Employment and Training Administration. $15.30/year.

Source: GPO

This is the official journal of the Employment and Training Administration. Past issues have covered topics such as nontraditional jobs exploration, older workers, CETA, flexitime and union apprenticeships. Book reviews and publications' lists are usually included.

**GUIDE FOR OCCUPATIONAL EXPLORATION.** Department of Labor, Employment and Training Administration. 1979. 715pp. $11.00 ea.

Source: GPO S/N 029-013-00080-2

The guide has been designed to help meet the need for more information on occupational fields and occupational requirements. The guide is intended for use both by vocational counselors and individuals themselves to assist with career and occupational exploration.

**ANNUAL EARNINGS AND EMPLOYMENT PATTERNS OF PRIVATE NONAGRICULTURAL EMPLOYEES, 1973-75.** Bulletin 2031. Department of Labor, Bureau of Labor Statistics. 1979. 383pp. $7.50 ea.

Source: GPO S/N 029-001-02386-3

This bulletin presents statistics on annual earnings and employment in the United States in 1973, 1974, and 1975. The Bureau of Labor Statistics developed the data from a 1% random sample of records of the Social Security Administration and the Railroad Retirement Board. The data provide a more accurate picture of annual earnings and employment patterns by industry than is available from any other source. The data are the last available from the Social Security Administration and provide historical continuity with the other published data in the series.

**PUTTING AMERICA'S FUTURE TO WORK.** Booklet. Department of Labor, Employment and Training Administration. 1979. 20pp.

Source: DOL/ETA

This is the story of young people who are taking their first steps into the labor market, and it is the story of government sponsored employment and training programs that aim to assist and direct them during this difficult learning and adjustment period.

**INCOME INEQUALITY AND EMPLOYMENT.** R D Monograph 66. Booklet. Department of Labor, Employment and Training Administration. 1978. 60pp.

Source: DOL/ETA

This monograph is a review and analysis of over 50 research and development projects which have dealt with welfare recipients and the low-wage employed. The process by which welfare recipients move into the ranks of the employed, and the extent to which this is accomplished as a result of training programs, are examined.

**CARPENTRY: A TRADE WORTH LEARNING THROUGH APPRENTICESHIP.** Pamphlet. Department of Labor, Employment and Training Administration.

Source: DOL/ETA

Defines the job of a carpenter and an apprentice. Lists the general qualifications and term of a carpentry apprenticeship. Describes best way to enter an apprenticeship.

**TRAINING OPPORTUNITIES IN JOB CORPS.** Directory. Department of Labor, Employment and Training Administration. 1979. 48pp.

Source: DOL/ETA

This directory provides a list of vocational courses offered at 103 Job Corps centers located in 42 states, the District of Columbia, and Puerto Rico. Job Corps provides intensive training, work experience, and counseling on a residential or nonresidential basis. These facilities, programs, and the vocational courses listed in this directory, are available for training adults and youth who are out of work or school and who need additional skills to secure and hold meaningful employment.

**RESOURCES IN VOCATIONAL EDUCATION.** Bi-monthly Periodical. National Center for Research in Vocational Education. $34.00/yr.

Source: NCRVE

Includes abstracts of research, instructional, and other materials in vocational and technical education, and abstracts of funded proposals. The full texts of most documents announced in this publication are available in microfiche or hard copy from ERIC.

**A GUIDE TO COORDINATING CETA/VOCATIONAL EDUCATION LEGISLATION AFFECTING DISPLACED HOMEMAKER PROGRAMS.** Department of Labor, Women's Bureau. 1979. 38pp.

Source: DOL/WB

**INDUSTRY WAGE SURVEY: COMPUTER AND DATA PROCESSING SERVICES, MARCH 1978.** Bulletin 2028. Department of Labor, Bureau of Labor Statistics. 1979. 51pp. $2.50 ea.

Source: GPO S/N 029-001-02319-7

This bulletin summarizes the results of a first-time Bureau of Labor Statistics survey of occupational wages and supplementary benefits in the computer and data processing services industries in March 1978.

**OCCUPATIONAL TRAINING GUIDE.** ET Handbook No. 325. Department of Labor, Employment and Training Administration. 1976. Approx. 100pp.

Source: DOL/ETA

The purpose of this guide is to assist Job Corps instructors in establishing coordinated training programs by providing procedures and guidelines to: analyze vocational curricula so that they reflect training requirements, plan, implement, evaluate and, when necessary, modify the training.

**SYNERGIST.** Periodical. Action's National Center for Service - Learning. $5.00/year.

Source: GPO. Also available from ACTION.

Three times a year the National Center for Service-Learning publishes *Synergist* a 56 page technical journal for educators who work with programs that integrate course work and community service. *Synergist* aims to demonstrate how service-learning in general, innovative projects and programs in particular, improve the quality of life for the least privileged members of society, and the quality of learning for all students. The 35,000 readers include secondary and post-secondary administrators and teachers as well as those involved in social change activities in the United States and 57 other countries. Indexes for *Synergist* are available for all years of publication as are reprints of selected articles. The *Synergist* and all NCSL resource materials are free. Libraries and profit-making institutions must pay the subscription fee.

**JOBS FOR WHICH APPRENTICESHIPS ARE AVAILABLE.** Booklet. Department of Labor, Bureau of Labor Statistics. 1976. Approx. 15pp.

Source: DOL/BLS

Lists occupations, qualifications and training, and employment trends to 1985.

**JOBS FOR WHICH YOU PROBABLY WILL NEED SOME COLLEGE OR SPECIALIZED TRAINING.** Pamphlet. Department of Labor, Bureau of Labor Statistics. 1979. Approx. 20pp. $1.75 ea.

Source: GPO S/N 029-001-02450-9

Presents a list of occupations for which college, technical, or specialized training is required. It highlights the training requirements and employment outlook for each.

**NATIONAL APPRENTICESHIP AND TRAINING STANDARDS.** Booklet. Department of Labor, Employment and Training Administration. 1978.

Source: DOL/ETA

This is a series of booklets on standards for the following occupations: auto body repair and painting, automotive ma-

chinist, bricklaying, glaziers and glassworkers, lathing, operating engineers, plumbing and steamfitting/pipefitting, truck body and trailer mechanic, and vending machine mechanics. Standards for the Graphic Arts International Union, the American Public Works Association, and the United Auto Workers are also available.

**PUBLICATIONS OF THE WOMEN'S BUREAU.** Leaflet 10. Department of Labor, Women's Bureau. 1979. 9pp.

Source: DOL/WB

# CAREER EDUCATION

**CAREERS IN COMMUNICATIONS MEDIA.** Guidebook. Department of Health, Education, and Welfare, Office of Education. 1975. 288pp. ill. $5.60 ea.

Source: GPO S/N 017-080-01496-3

Guidelines for instructors organizing courses for career exploration in communications; provides descriptions of various occupations in the communications field and assistance in career planning.

**HAVE YOU CONSIDERED A HEALTH CAREER?** Department of Health, Education, and Welfare, Public Health Service. 1977. 27pp. $0.55 ea.

Source: GPO S/N 017-022-00524-7

**POLICE SELECTION AND CAREER ASSESSMENT.** Department of Justice. 1976. 199pp. ill. $4.00 ea.

Source: GPO S/N 027-000-00390-7

**PUBLIC SERVICE OCCUPATIONS.** Guidebooks. Department of Health, Education, and Welfare, Office of Education. 1975.

Source: GPO

A series of six curriculum guides in public service occupations are available:

- **Administering Public Service Occupations, An Implementation Guide.** 176pp. $2.95 ea. S/N 017-080-01447-5.
- **Exploration Of Public Service Occupations, An Implementation Guide.** 296pp. $3.70 ea. S/N 017-080-01432-7.
- **Preparing For Public Service Occupations, Common Core, Curriculum Guide.** 214pp. $2.90 ea. S/N 017-080-01433-5.
- **Preparing For Public Service Occupations, Educational Service, Curriculum Guide.** 172pp. $3.05 ea. S/N 017-080-01435-1.
- **Preparing For Public Service Occupations, Law Enforcement Services, Curriculum Guide.** 134pp. $2.10 ea. S/N 017-080-01436-0.
- **Preparing For Public Service Occupations, Social Services, Curriculum Guide.** 40pp. $2.20 ea. S/N 017-080-01434-3.

**FROM AIDE TO TEACHER, THE STORY OF THE CAREER OPPORTUNITIES PROGRAM.** Department of Health, Education, and Welfare, Office of Education. 1977. 28pp. $3.00 ea.

Source: GPO S/N 017-080-01566-8

**GUIDANCE NEEDS OF SPECIAL POPULATIONS.** Department of Health, Education, and Welfare, Office of Education. 1979. 28pp. $1.50 ea.

Source: GPO S/N 017-080-01969-8

Special needs populations in educational and employment settings include the handicapped, and those who have academic, socio-economic, cultural, or other disadvantages which prevent them from being successful in traditional and regular occupational programs.

**JOB PLACEMENT AND ADJUSTMENT OF THE HANDICAPPED: AN ANNOTATED BIBLIOGRAPHY.** Department of Health, Education, and Welfare, Office of Education. 1979. 24pp. $1.40 ea.

Source: GPO S/N 017-080-01970-1

This bibliography was produced to assist special educators and vocational educators in obtaining information on the job placement and career adjustment of various handicapped populations.

**CAREER CHOICES, WORKING TOWARD A BETTER ENVIRONMENT.** Environmental Protection Agency. 1977. 15pp. ill. $0.35 ea.

Source: GPO S/N 055-000-00158-8

**ADULT WORK SKILLS AND KNOWLEDGE: SELECTED RESULTS FROM THE FIRST NATIONAL ASSESSMENT OF CAREER AND OCCUPATIONAL DEVELOPMENT.** Department of Health, Education, and Welfare, Office of Education. 1976. 70pp. $1.50 ea.

Source: HEW/OE

The findings of a survey examining the work related skills and knowledge of American adults, ages 26-35. The skills assessed are basic to many employment situations and results are analyzed for various groups within the national population.

**CAREFR DEVELOPMENT NEEDS OF ADULTS: HOW TO IMPROVE CAREER DEVELOPMENT PROGRAMS.** Department of Health, Education, and Welfare, Office of Education. 1977. 58pp. ill. $2.10 ea.

Source: GPO S/N 017-080-01787-3

**CAREER EDUCATION OF ADULTS.** Department of Health, Education, and Welfare, Office of Education. 1977. 73pp. $2.20 ea.

Source: GPO S/N 017-080-01736-9

Condenses current data concerning the disposition of Adult and Continuing Education in the United States. Examines adult participation in career education, summarizes adult learning needs, reviews developments in higher education, and makes several recommendations.

**FUTURE FARMERS OF AMERICA AND CAREER EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1979. $1.50 ea.

Source: GPO S/N 017-080-01922-1

**CAREER EDUCATION TEACHING LEARNING PROCESS.** Barbara Preli. Department of Health, Education, and Welfare, Office of Education. 1978. 33pp. ill. $1.50 ea.

Source: GPO S/N 017-080-01849-7

A monograph emphasizing the ways in which career education helps students learn more instructional content.

**INTEGRATING CAREER EDUCATION INTO TEACHER PREPARATION, IMPLEMENTATION GUIDE FOR COLLEGE/UNIVERSITY USE.** Department of Health, Education, and Welfare, Office of Education. 1976. 130pp. ill. $1.95 ea.

Source: GPO S/N 017-080-01577-3

**K - 12 CLASSROOM TEACHERS AND CAREER EDUCATION: THE BEAUTIFUL PEOPLE.** Department of Health, Education, and Welfare. Office of Education. 1976. 35pp. $0.90 ea.

Source: GPO S/N 017-080-01537-4

Provides specific examples of career education in the classroom.

**TEACHERS AND CAREER EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1976. 35pp. $0.70 ea.

Source: GPO S/N 017-080-01618-4

A set of 4 papers discussing the crucial importance of the classroom teacher to career education.

**SPEECH PATHOLOGY AND AUDIOLOGY: MANPOWER RESOURCES AND NEEDS.** Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological Disorders and Stroke. 1977. 97pp. ill. $2.40 ea.

Source: GPO S/N 017-049-00085-2

Describes the demographic and professional characteristics of the speech pathology/audiology work force and those students currently in training; identifies current patterns of manpower utilization; estimates the need for additional speech pathologists and audiologists in the area of teaching research and client care through 1985; recommends appropriate goals for meeting the needs of the communicatively handicapped; and suggests means for meeting these goals.

**CURRENT STATE OF CAREER EDUCATION AT THE POST-SECONDARY LEVEL.** Department of Health, Education, and Welfare, Office of Education. 1977. 115pp. $2.75 ea.

Source: GPO S/N 017-080-01734-2

Presents an overview of how American colleges and universities perceive and practice career education, together with a series of recommendations for further implementation of the career education concept at this level.

**TWO STUDIES ON THE ROLE OF BUSINESS AND INDUSTRY AND LABOR PARTICIPATION IN CAREER EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1977. 120pp. $2.75 ea.

Source: GPO S/N 017-080-01737-7

**RESOURCES IN WOMEN'S EDUCATION EQUITY, NONPRINT MEDIA AND MATERIALS.** Department of Health, Education, and Welfare, Office of Education. 1978. 243pp. $4.25 ea.

Source: GPO S/N 017-080-01836-5

Each listing provides a title, author, distributor, format, price, abstract, and source.

**WOMEN'S AMERICAN ORT AND CAREER EDUCATION.** Pamphlet. Department of Health, Education, and Welfare, Office of Education. 1978. 20pp. $1.50 ea.

Source: GPO S/N 017-080-01904-3

Provides a basic understanding of Women's American ORT (Organization of Rehabilitation Through Training) and outlines ways it can be utilized to further the concept of career education as a collaborative community effort.

**ADVANCED GENERAL EDUCATION PROGRAM: HIGH SCHOOL SELF STUDY PROGRAM.** Department of Labor. Rev. 1977. 455pp. ill. $40.00 ea.

Source: GPO S/N 029-000-00340-8

This program is designed to help prepare adult students with the information, concepts, and general knowledge needed to pass the American Council on Education's 'Test of General Educational Development' (GED) for high school equivalency certification. The kit consists of 126 booklets and one form; 126 volumes, sold only as a set.

**CAREER EDUCATION AND BASIC ACADEMIC ACHIEVEMENT, A DESCRIPTIVE ANALYSIS OF THE RESEARCH.** Department of Health, Education, and Welfare, Office of Education. 1977. 143pp. $2.75 ea.

Source: GPO S/N 017-080-01720-2

**CAREER EDUCATION AND HUMAN SERVICES** Department of Health, Education, and Welfare, Office of Education. 1977. 23pp. $1.30 ea.

Source: GPO S/N 017-080-01741-5

**CAREER EDUCATION AND THE BUSINESS-LABOR-INDUSTRY COMMUNITY.** Department of Health, Education, and Welfare, Office of Education. 1976. 22pp. $0.45 ea.

Source: GPO S/N 017-080-01613-3

**CAREER EDUCATION AND THE COMPREHENSIVE EMPLOYMENT TRAINING ACT.** Department of Health, Education, and Welfare, Office of Education. 1978. 56pp. $2.30 ea.

Source: GPO S/N 017-080-01862-4

Traces the role of youth in pre-CETA Manpower Programs and in CETA to 1977, and makes some recommendations for linking career education to current youth employment policies.

**CAREER EDUCATION AND VOCATIONAL EDUCATION, SIMILARITIES AND CONTRASTS.** Department of Health, Education, and Welfare, Office of Education. 1977. 19pp. $1.10 ea.

Source: GPO S/N 017-080-01742-3

**CAREER EDUCATION FOR SPECIAL POPULATIONS.** Department of Health, Education, and Welfare, Office of Education. 1976. 21pp. $0.45 ea.

Source: GPO S/N 017-080-01612-5

**CAREER EDUCATION IN PUBLIC SCHOOLS, 1974-75: A NATIONAL SURVEY.** Department of Health, Education, and Welfare, Office of Education. 1976. 325pp. ill. $4.00 ea.

Source: GPO S/N 017-080-01560-9

**CAREER EDUCATION: WHAT PROOF DO WE HAVE THAT IT WORKS? REPORT OF A PANEL SESSION OF THE COMMISSIONER'S NATIONAL CONFERENCE ON CAREER EDUCATION, HOUSTON, TEXAS, NOVEMBER 8, 1976.** Department of Health, Education, and Welfare, Office of Education. 1977. 64pp. ill. $2.10 ea.

Source: GPO S/N 017-080-01785-7

**CAREER OPPORTUNITIES IN THE ELECTRIC POWER AND GAS UTILITIES INDUSTRIES.** Department of Labor. 1978. 136pp. ill. $3.25 ea.

Source: GPO S/N 029-000-00341-6

**COMMUNITY RESOURCES FOR CAREER EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1976. 30pp. $0.55 ea.

Source: GPO S/N 017-080-01615-0

**DEALING WITH FUTURES, CAREER EDUCATION MATERIALS FOR STUDENTS, PARENTS, AND EDUCATORS: A BIBLIOGRAPHY BASED ON THE ACQUISITIONS OF THE EDUCATIONAL MATERIALS CENTER.** Department of Health, Education, and Welfare, Office of Education. 1977. 20pp. $1.00 ea.

Source: GPO S/N 017-080-01721-1

**HEALTH CAREERS GUIDEBOOK.** Department of Labor. Revised 1979. 221pp. ill. $5.25 ea.

Source: GPO S/N 029-000-00343-2

**INTRODUCTION TO CAREER EDUCATION: A POLICY PAPER OF THE UNITED STATES OFFICE OF EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1975. 40pp. $1.05 ea.

Source: GPO S/N 017-080-01388-6

**KEY RESOURCES IN CAREER EDUCATION: AN ANNOTATED GUIDE.** Department of Health, Education, and Welfare, Office of Education. 1976. 408pp. ill. $5.75 ea.

Source: GPO S/N 017-080-01667-2

**PRIMER FOR CAREER EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1977. 39pp. $1.50 ea.

Source: GPO S/N 017-080-01752-1

**REFINING THE CAREER EDUCATION CONCEPT.** Department of Health, Education, and Welfare, Office of Education.

Source: GPO

Comprised of two booklets:

**Part 1.** 1976. 47pp. $0.75 ea. S/N 017-080-01610-9
**Part 2.** 1977. 32pp. $1.50 ea. S/N 017-080-01739-3

**SCHOOL COUNSELOR AND CAREER EDUCATION.** Pamphlet. Department of Health, Education, and Welfare, Office of Education. 1976. 27pp. $0.55 ea.

Source: GPO S/N 017-080-01528-5

**YEDPA AND CAREER EDUCATION.** Department of Health, Education, and Welfare, Office of Education. 1978. 42pp. $2.10 ea.

Source: GPO S/N 017-080-01889-6

Outlines the results of two mini-conferences concerning the Youth Employment and Demonstration Projects Act and Career Education.

**DOOR TO THE FUTURE: CAREERS FOR WOMEN.** Department of the Interior, Office of the Secretary. Government Printing Office. 1978. 58pp. ill.

Source: DOI/PA

This publication illustrates a broad spectrum of careers that are available to women at the Department of the Interior in the sciences, engineering, and other professional areas.

**SELECTED U. S. GOVERNMENT AUDIOVISUALS: CAREER EDUCATION.** Catalog. General Services Administration, National Audiovisual Center. 1977. Approx. 20pp.

Source: GSA/NAC

This catalog lists audiovisual materials which are available from the National Audiovisual Center. Included are order/purchase forms.

**VOCATIONAL/TECHNICAL: A SELECT LIST OF U. S. GOVERNMENT PRODUCED AUDIOVISUAL MATERIALS - 1978/79.** Catalog. General Services Administration, National Audiovisual Center. 1979. 56pp.

Source: GSA/NAC

This catalog features a select list of available materials from the National Audiovisual Center on vocational and technical instruction and training. Includes order/purchase forms.

**GUIDE TO FEDERAL AVIATION ADMINISTRATION PUBLICATIONS.** Report No. FAA-APA-PG-2. Department of Transportation, Federal Aviation Administration. Government Printing Office. 1979. 51pp.

Source: DOT/FAA

The FAA publishes numerous documents dealing with a variety of subjects from regulations on aviation safety to career guidance materials designed to enrich aviation curricula and promote interest in aviation careers. Many of these publications are of interest to the general public as well as to the aviation community.

**BIBLIOGRAPHY ON CAREER EDUCATION.** Linda Hall and Sidney C. High, Jr. Department of Health, Education, and Welfare, Office of Education. 1979. 68pp. $3.25 ea.

Source: GPO S/N 017-080-02059-9

It is hoped that this bibliography will be useful to persons interested in familiarizing themselves with the career education concept and with some emerging techniques for the implementation of career education programs.

**DENTAL ASSISTING - A CAREER ON THE MOVE.** HRA78-40. Department of Health, Education, and Welfare, Health Resources Administration. 1978.

Source: HEW/HRA

This publication can be used in recruitment efforts and contains information about careers in dental assisting.

**OCCUPATIONAL EDUCATION: ENROLLMENTS AND PROGRAMS IN NONCOLLEGIATE POST-SECONDARY SCHOOLS 1976.** Department of Health, Education, and Welfare, Office of Education. 1978. 42pp. $1.70 ea.

Source: GPO S/N 017-080-01884-5

Analyses and appendixed tabular data.

**HANDBOOK FOR PROFESSIONAL DEVELOPMENT IN HUMAN SERVICES.** Handbook. Department of Health, Education, and Welfare, Office of Education. 1979. 205pp. $4.25 ea.

Source: GPO S/N 017-080-02007-6

Presents curricular modules and professional development units that represent basic tools for the contemporary practices of career education and human services.

**CAREERS IN HEALTH: THE PROFESSIONALS GIVE YOU THE INSIDE PICTURE ABOUT THEIR JOBS.** 2 cassettes: C-90; 15/16 IPS; 4 Track. RC. Barbara Zimmerman and David B. Smith. Library of Congress, National Library Service for the Blind and Physically Handicapped. 1978.

Source: LC/NLSBPH RC 13525

Dramatic vignettes present the activities, problems, responsibilities, and satisfactions of a wide variety of health occupations. Includes such relatively new occupations as physician's assistant and emergency medical technician. For high school and adult readers.

**JOBS IN RECREATION.** 1 V. 28 x 28 cm. Handcopied, Grade 2. Br. Walter C. Schatz and Carl M. Tausig. Library of Congress, National Library Service for the Blind and Physically Handicapped. 1977.

Source: LC/NLSBPH BRA 14139

Introduces various careers available in the field of recreation including park ranger, recreation therapist, landscape architect, travel agent, hotel manager, and others.

**A PRIMER FOR CAREER EDUCATION.** Kenneth B. Hoyt. Department of Health, Education, and Welfare, Office of Education. 1977. 39pp. $1.50 ea.

Source: HEW/OE

**SELECTED PUBLICATIONS ON ENERGY.** Department of Energy, Office of Legislative Affairs. 1979. 3pp.

Source: DOE/PA

This publication contains a listing of books, pamphlets, curriculum guides, posters, and stickers on energy efficiency for teachers, students and consumers.

**DIRECTIONS IN CAREER EDUCATION: QUESTIONS PEOPLE ASK ABOUT EDUCATION AND WORK.** Nancy Bridgeford, Marilyn Clarks, and Larry McClure. Department of Health, Education, and Welfare, Educational Resources Information Center. 1977. 288pp.

Source: ERIC

**DENTAL ASSISTING: A CAREER ON THE MOVE.** Department of Health, Education, and Welfare, Public Health Service. 1978. 7pp. ill.

Source: HEW/PHS

**LOOKING UP TO YOUR AVIATION CAREER.** 14 min., 16 MM Film, Opt. Sd., Col. 1979.

Source: GSA/NAC Title No. A01285/PF

Describes the more than 60 different career opportunities which aviation offers for people with different aptitudes, skills, and educational backgrounds. Illustrates how careers in aviation present a wide-ranging opportunity for achievement, challenge, responsibility, and fun. Audience: General Audience. Cleared for TV.

**PUT WINGS ON YOUR CAREER.** 15 min., 16 MM Film, Opt. Sd., Col. 1978. Sale $87.00

Source: GSA/NAC Title No. A00119/PF

Illustrates the diversity of jobs associated with aviation maintenance both in government and private industry. Outlines the basic technical requirements and points interested people in the right direction for more specific career information. Audience: Secondary schools, vocational schools, high schools, and junior highs. Cleared for TV.

**CHANCE TO BE, A.** 30 min., 3/4 in. Videocassette, Col. 1977. Sale $100.00

Source: GSA/NAC Title No. A00672/PF

Focuses on Career Education Programs for women, minorities, the handicapped, and the gifted and talented. Emphasizes the needs of the programs for these special populations whose options have been limited. Describes four programs: Project Equality of Seattle, WA; Urban Career Education, Philadelphia, PA; The World of Work, Warren, Oh; and The Center for Career Education in the Arts, Providence, RI. Audience: General audience, school administrators, parents, teachers. Cleared for TV. Other Format(s) or Version(s): 30 min., 16 MM Film, Opt. Sd., Col. 1977. Rental $12.50 Sale $174.00. Title No. A00671/PF

**EMPLOYMENT AND TRAINING ADMINISTRATION PUBLICATIONS AVAILABLE FROM DEPARTMENT OF LABOR WAREHOUSE.** Catalog. Department of Labor, Employment and Training Administration. 1978. 19pp.

Source: DOL/ETA

**FROM HOMEMAKING TO MONEYMAKING.** Department of Labor, Bureau of Labor Statistics. Government Printing Office. 1978. 15pp.

Source: DOL/BLS

Reprinted from the Winter, 1978 issue of *Occupational Outlook Quarterly.*

**MATCHING PERSONAL AND JOB CHARACTERISTICS.** Booklet. Kathy Wilson. Department of Labor, Bureau of Labor Statistics. 13pp. $1.25 ea.

Source: GPO S/N 029-001-02274-3. Also available from DOL/BLS.

A reprint from the Fall 1978 *Occupational Outlook Quarterly,* the U.S. Department of Labor's career guidance magazine. Listed and defined in this booklet are 23 occupational characteristics and requirements which are matched in the chart that follows with 281 occupations chosen from the *1978 - 79 Occupational Outlook Handbook.* This table is designed as an exploratory tool to help you compare personal interests, capacities, abilities, and educational qualifications with characteristics usually associated with an occupation or group of occupations.

**POLICE EMPLOYMENT OPPORTUNITIES.** Booklet. Department of Labor, Employment and Training Administration. Government Printing Office. 1977. 15pp.

Source: DOL/ETA

Reports on a survey of job opportunities in 2,440 police agencies.

**MANPOWER MAGAZINE.** Monthly Periodical. Department of Labor, Manpower Administration. $15.30/year.

Source: GPO

This is the official journal of the Manpower Administration; past issues have covered topics such as basic education and job training, public service jobs, technical education and careers in industry. Book reviews and lists of publications are usually included.

**WORKLIFE.** Monthly Periodical. Department of Labor, Employment and Training Administration. $15.30/year.

Source: GPO

This is the official journal of the Employment and Training Administration. Past issues have covered topics such as nontraditional jobs exploration, older workers, CETA, flexitime and union apprenticeships. Book reviews and publications' lists are usually included.

**DUAL CAREERS, A LONGITUDINAL STUDY OF THE LABOR MARKET EXPERIENCE OF WOMEN.** Manpower R & D Monograph 21. Department of Labor, Manpower Administration.

Source: GPO

This report is composed of the following three volumes:

**Volume 1.** $3.55 ea.
**Volume 2.** $2.10 ea.
**Volume 3.** 1975. 191pp. $2.65 ea. S/N 029-000-00247-9.

In early 1965, the Center for Human Research, under a contract with the Department of Labor, began the planning of longitudinal studies of the labor market experience of four subsets of the U. S. population. The above three volumes focus on the older group of women.

**GUIDE FOR OCCUPATIONAL EXPLORATION.** Department of Labor, Employment and Training Administration. 1979. 715pp. $11.00 ea.

Source: GPO S/N 029-013-00080-2

The guide has been designed to help meet the need for more information on occupational fields and occupational requirements. The guide is intended for use both by vocational counselors and individuals themselves to assist with career and occupational exploration.

**EMPLOYMENT REQUIREMENTS OF MASS TRANSIT.** BLS Bulletin 1989. ETA R & D Monograph 58. Department of Labor, Bureau of Labor Statistics and Employment and Training Administration. 1978. 44pp. $2.30 ea.

Source: GPO S/N 029-001-02211-5

The Bureau of Labor Statistics, as part of its research on the employment requirements of Federal Programs, reviewed Federal aid for mass transit and selected the Massachusetts Bay Transportation Authority for a case study.

**INCOME INEQUALITY AND EMPLOYMENT.** R D Monograph 66. Booklet. Department of Labor, Employment and Training Administration. 1978. 60pp.

Source: DOL/ETA

This monograph is a review and analysis of over 50 research and development projects which have dealt with welfare recipients and the low-wage employed. The process by which welfare recipients move into the ranks of the employed, and the extent to which this is accomplished as a result of training programs, are examined.

**EXPLORING CAREERS.** Handbook. Department of Labor, Bureau of Labor Statistics. 1979. 550pp. $10.00 ea.

Source: GPO S/N 029-001-02224-7. Also available from DOL/BLS.

A career education resource designed and written for junior high students; older students will find this book useful also. It can be used in classrooms, career resource centers and youth programs and is packaged to facilitate either group or individual use. Titles of individual chapters are: The World of Work and You, Industrial Production Occupations; Office Occupations; Service Occupations; Education Occupations; Sales Occupations; Construction Occupations; Transportation Occupations; Scientific and Technical Occupations; Mechanics and Repairers; Health Occupations; Social Scientists; Social Service Occupations; Performing Arts, Design and Communications Occupations; Agriculture, Forestry, and Fishery Occupations. *Exploring Careers* can be purchased as: A single volume, $10.00 ea.; 15 separate booklets, one for each chapter, $2.00 ea.; a set of 15 booklets, $12.00 set, S/N 029-001-02225-5.

**MEMO TO MATURE JOBSEEKERS.** Pamphlet. Department of Labor, Employment and Training Administration. Government Printing Office. 1980.

Source: DOL/ETA

Provides suggestions for an effective job search.

**A GUIDE TO COORDINATING CETA/VOCATIONAL EDUCATION LEGISLATION AFFECTING DISPLACED HOMEMAKER PROGRAMS.** Department of Labor, Women's Bureau. 1979. 38pp.

Source: DOL/WB

**PUBLICATIONS OF THE WOMEN'S BUREAU.** Leaflet 10. Department of Labor, Women's Bureau. 1979. 9pp.

Source: DOL/WB

**A CAREER AS A CORRECTIONAL OFFICER - AN OPPORTUNITY FOR A CHALLENGE.** Announcement No. 431. Leaflet. Office of Personnel Management, Staffing Services. 1979.

Source: OPM

**INDEX TO INFORMATION.** Quarterly Periodical. Office of Personnel Management, Library.

Source: OPM

Provides a complete listing of information available from the Office of Personnel Management.

**NATIONAL CENTER FOR SERVICE LEARNING.** Information Kit. 1979. $5.00 ea.

Source: GPO S/N 056-000-00021-6

The National Center for Service Learning was founded in 1969 as the National Student Volunteer Program and is part of ACTION, the federal volunteer service agency. The Center provides free training programs, resource materials, and technical assistance to service learning and student volunteer programs in high schools and colleges across the country, and also conducts selected research studies on service learning. Enclosed in this kit is information on the publications and resource materials, training activities, and consultant services developed by the Center.

**CAREER PROFILES IN FORESTRY, CONSERVATION, ECOLOGY, ENVIRONMENT MANAGEMENT.** Department of Agriculture, Forest Service. 1977. 1977. 13pp. ill. $0.90 ea.

Source: GPO S/N 001-001-00423-5

**SYNERGIST.** Periodical. Action's National Center for Service - Learning. $5.00/year.

Source: GPO. Also available from ACTION.

Three times a year the National Center for Service-Learning publishes *Synergist* a 56 page technical journal for educators who work with programs that integrate course work

and community service. *Synergist* aims to demonstrate how service-learning in general, innovative projects and programs in particular, improve the quality of life for the least privileged members of society, and the quality of learning for all students. The 35,000 readers include secondary and post-secondary administrators and teachers as well as those involved in social change activities in the United States and 57 other countries. Indexes for *Synergist* are available for all years of publication as are reprints of selected articles. The *Synergist* and all NCSL resource materials are free. Libraries and profit-making institutions must pay the subscription fee.

**JOBS FOR WHICH APPRENTICESHIPS ARE AVAILABLE.** Booklet. Department of Labor, Bureau of Labor Statistics. 1976. Approx. 15pp.

Source: DOL/BLS

Lists occupations, qualifications and training, and employment trends to 1985.

U.S. GOVERNMENT PRINTING OFFICE 1980-O- 325-220/6412

65

# ORDER FORM

**ORDER FORM** To: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

Enclosed is $ _____ ☐ check,
☐ money order, or charge to my
Deposit Account No.
☐☐☐☐☐☐☐–☐

Order No._____

**Credit Card Orders Only**

Total charges $_____ Fill in the boxes below.

Credit
Card No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Expiration Date
Month/Year ☐☐☐☐

**For Office Use Only**

| Quantity | Charges |
|---|---|
| ..... Enclosed | ..... |
| ..... To be mailed | ..... |
| ..... Subscriptions | ..... |
| Postage | ..... |
| Foreign handling | ..... |
| MMOB | ..... |
| OPNR | ..... |
| ..... UPNS | |
| ..... Discount | |
| ..... Refund | |

Name—First, Last
☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

## ORDER FORM

Name_____

Position _____

Department _____

Organization _____

Address_____

City, State, Zip _____

Telephone (  ) _____

Authorized signature _____

**Master Charge and VISA accepted**

☐ Master Charge ☐ Visa

Account Number_____

Expiration Date _____

☐ Purchase ☐ Rental* ☐Preview

Videocassette format _____

Equipment make and model_____

| | Title Number | Number of Prints | Price | TOTAL |
|---|---|---|---|---|
| | | | | |
| **Title:** | | | | |
| | | | | |
| **Title:** | | | | |
| | | | | |
| **Title:** | | | | |
| | | | | |
| **Title:** | | | | |
| | | | | |
| **Title:** | | | | |
| | | | | |

*Preferred date_____

*Alternate date_____
(or) First available date ☐

**National AudioVisual Center**

. . . a public service of your government.

**How to Order**

*Purchase*

For invoicing, an official purchase order or letter on organizational letterhead is required.

For direct payment, please return the Order Form and make all checks or money orders payable to the National Archives Trust Fund (NAC).

Prices subject to change without notice. Most materials will be delivered sooner, but please allow 30 to 60 days for delivery.

*Preview*

Preview of 16mm films will be provided to qualified customers for purchase consideration.

Be fair, do not ask to preview unless you are authorized to buy and have funds for purchase.

Unless specifically noted, preview is not available for videocassettes, audio/slide sets, filmstrips, multi-media kits, or any materials other than selected 16mm films.

*Rent*

3 day use at rate indicated. Please order 30 days in advance. *Rental applies to purchase.*

*Videocassette*

All titles listed in videocassettes are available in all ½" and ¾" formats at the same price. Please specify the make and model number of your video playback equipment on your order so that we can supply the appropriate cassette.

***Fill out completely and mail to:***

National AudioVisual Center
National Archives and Records Service
General Services Administration
Order Section PS
Washington, D.C. 20409